

**S6161-QN-FSE-010**

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**0910-LP-449-0100**

**TECHNICAL MANUAL**

**FOR**

**SLICING MACHINE BREAD**

**MODEL 797-32IN**

**“Distribution Statement “A”: Approved for public  
release; distribution is unlimited.”**

**DEPARTMENT OF THE NAVY**  
**NAVAL SEA SYSTEMS COMMAND**

0910LP4490100



S6161-QN-FSE-010



APPROVAL AND PROCUREMENT RECORD PAGE

APPROVAL DATA FOR: S6161-QN-FSE-010

TITLE : Bread Slicing Machine

APPROVAL AUTHORITY: Not Required

CONTRACT OR PURCHASE ORDER	SHIPS APPLICABLE	QUANTITY OF MANUALS	QUANTITY OF EQUIPMENT	BUILDING YARD
P630D-7502-K597	CVN73	50	1	Newport News Shipbuilding

REMARKS:

CERTIFICATION: Not Required

It is hereby certified that the manuals to be provided under purchase order P630D-7502-K597 are exactly identical to S6161-QN-FSE-010, approved by the approval data shown above.

Oliver Products Co.  
Grand Rapids, MI 49504-5298  
FSCM 60585



OLIVER PRODUCTS COMPANY

797 BREAD SLICERS

OPERATING AND MAINTENANCE MANUAL



## OPTION SHEET

### SLICE SPACING

☐

### ELECTRICS

- ☐ 1/2 HP, 1-60-115/230
- ☐ 1/2 HP, 1-50-110/120
- ☐ 1/2 HP, 3-60-230/460
- ☐ 1/2 HP, 3/60/50-208/220/240
- ☐ 1/2 HP, 3-50-220/380

### DRIVEN PULLEY

- ☐ Low Speed
- ☐ High Speed

### INFEED

- ☐ 32" Gravity
- ☐ 48" Gravity
- ☐ 48" Power Belt
- ☐ Spring Feed

### OUTFEED

- ☐ Standard
- ☐ Curved
- ☐ Spring
- ☐ 1179 Bagger

### MISCELLANEOUS OPTIONS

- ☐ Casters
- ☐ Needle Bearing Rocker
- ☐ Bagging Scoop





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# WARRANTY

If any part of the goods (other than a part not manufactured by Seller) proves to be defective (as defined below) within one year after shipment, and if Buyer returns the goods to Seller within that year, Freight Prepaid Seller's plant in Grand Rapids, MI, then Seller shall, at Seller's option, either repair or replace the defective part, at Seller's expense.

For purposes hereof, a defective part is a part which is found by Seller to have been defective in materials or workmanship, if the defect materially impairs the value of the goods to Buyer. Seller has no obligation as to parts or components not manufactured by Seller, but Seller assigns to Buyer any warranties made to Seller by the manufacturer thereof.

This paragraph sets forth Buyer's sole and exclusive remedies for any defect in the goods.



The use of the words WARNING, CAUTION, and NOTE in this manual should be guided by the following:

**WARNING**

Operating procedures, techniques, etc., which may result in personal injury or loss of life if not carefully followed.

**CAUTION**

Operating procedures, techniques, etc., which may result in damage to equipment if not carefully followed.

**NOTE**

An operating procedure, technique, etc., which is considered essential to emphasize.



## UNCRATING AND INSTALLATION

### UNCRATING 32" GRAVITY OR SPRING FEED SLICER

Using a hammer and a small pry bar, remove the lower set of nails from both sides of carton as shown in Figure 1.

Remove the nails holding the carton to the wood shipping platform. Lift carton off shipping platform.

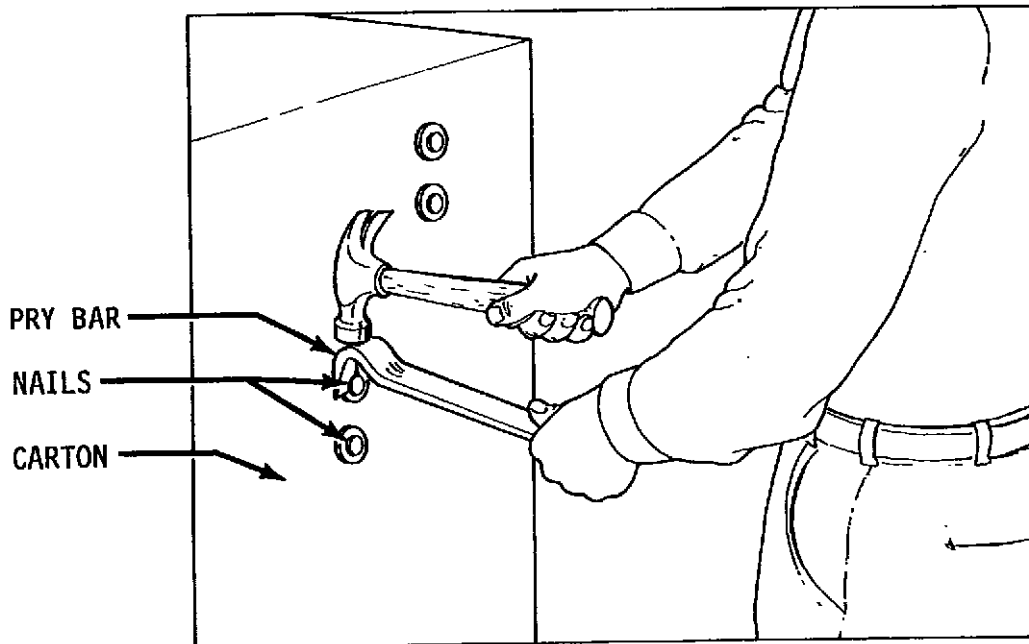


Figure 1. Uncrating 32" Gravity or Spring Feed Slicer

### UNCRATING 48" GRAVITY OR POWER FEED SLICER

Taking care not to damage slicer, use a hammer and pry bar to remove the boards enclosing the slicer. Remove the boards in the sequence as shown in Figure 2. Once the boards have been removed from the top and ends of the shipping carton,

the sides may be removed. Carefully pry the sides away from the 2x4s holding the top of the slicer in place. Finish removing the sides from the shipping platform with the hammer and prybar.

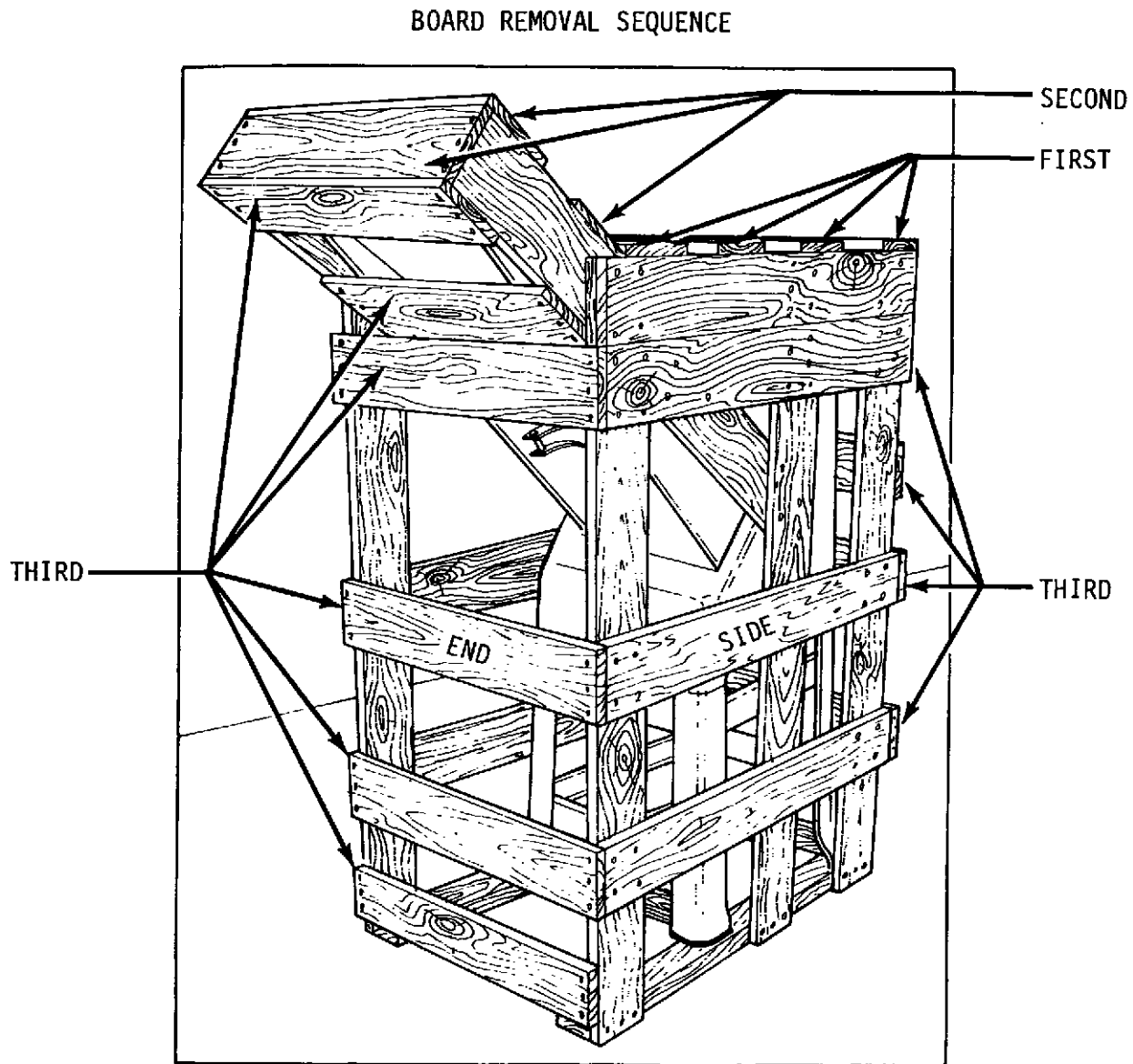


Figure 2. Uncrating 48" Gravity or Power Feed Slicer

REMOVE OPTION PACKAGE (CASTERS, BAG SCOOP, ETC.)

Locate Option Package enclosed in carton and set aside.

#### INSTALLING HOLDDOWN ON GRAVITY OR POWER FEED SLICER

Use a wrench to remove the bolt holding the 2x4 to holddown adjustment bracket. Locate holddown and adjustment knob taped to slicer in paper bag. Insert holddown into knives and secure by screwing knob into threaded hole as shown in Figure 3.

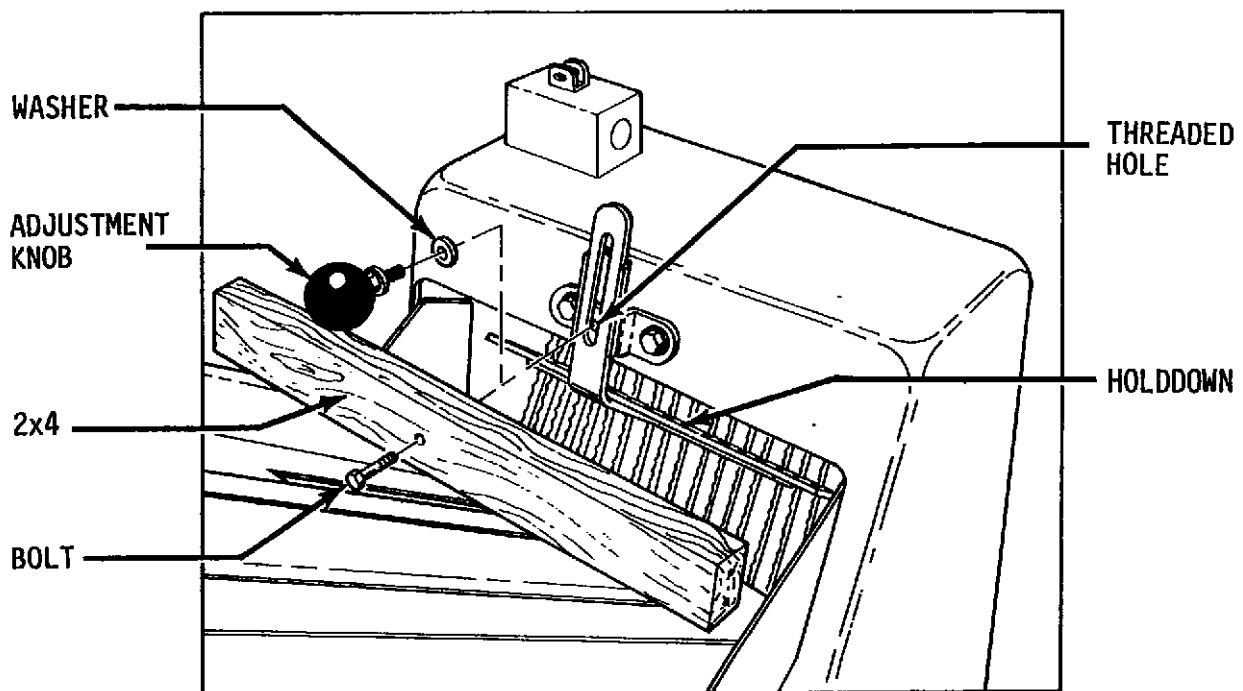


Figure 3. Holddown Installation

#### INSTALLING OUTFEED SIDE GUIDE EXTENSIONS ON GRAVITY OR POWER FEED SLICERS

Locate side guide extensions in paper bag with holddown. Slide extensions over side guides as shown in Figure 4. They should fit snugly.

## REMOVE 2x4 FROM SPRING FEED SLICER

Remove the shipping 2x4 attached to discharge side of slicer by removing two bolts using a wrench.

## REMOVE SLICER FROM SHIPPING PLATFORM

Remove the crumb tray from the slicer. See Figure 4.

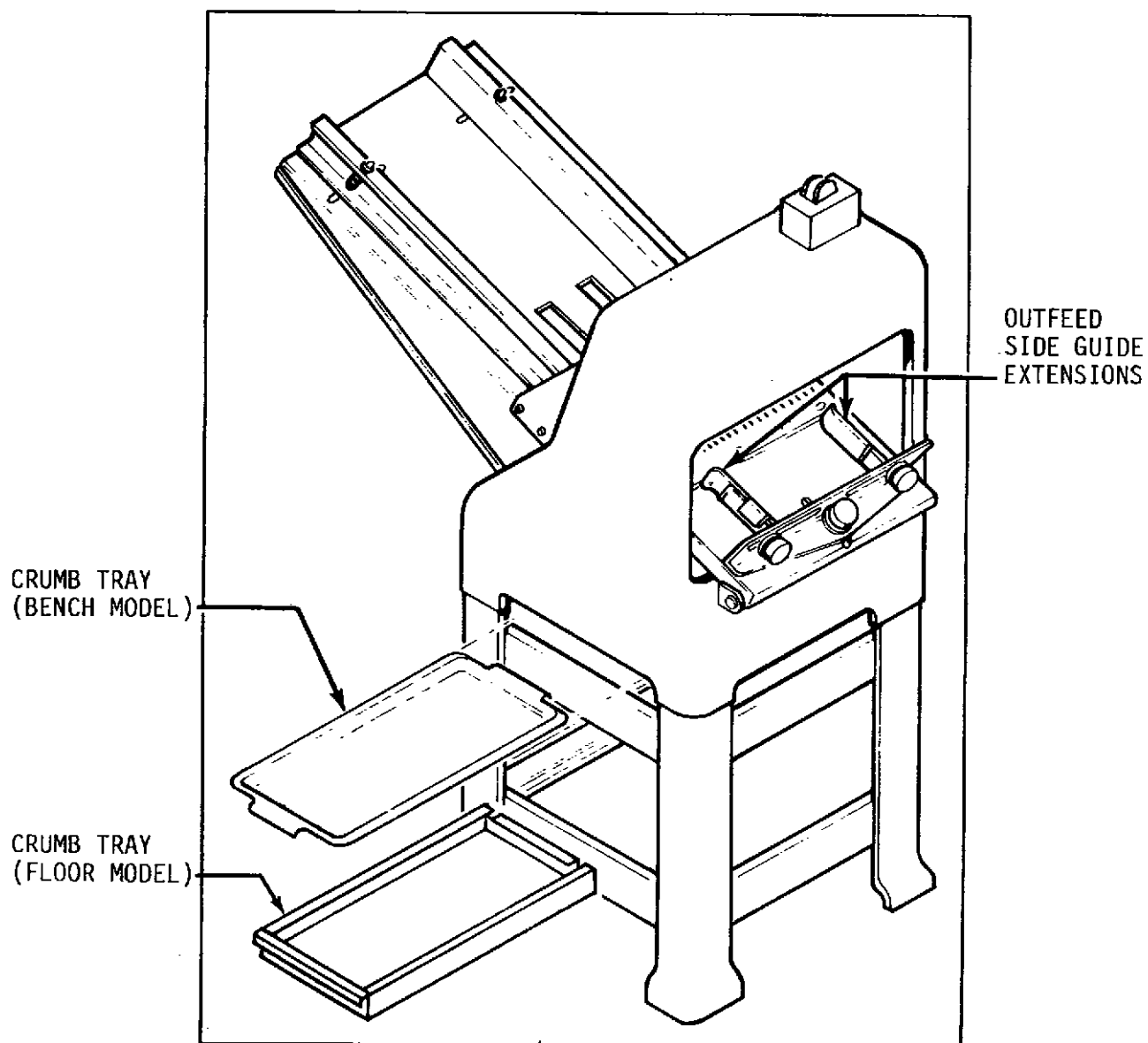


Figure 4. Crumb Tray Removal



**WARNING**

Slicer is heavy, use proper technique when lifting.  
Keep back straight, knees bent, and lift with legs.  
Use gloves to protect hands.

Lift the slicer off of the shipping platform with one person standing on each side of the slicer as shown in Figure 5. Set slicer down on level floor.

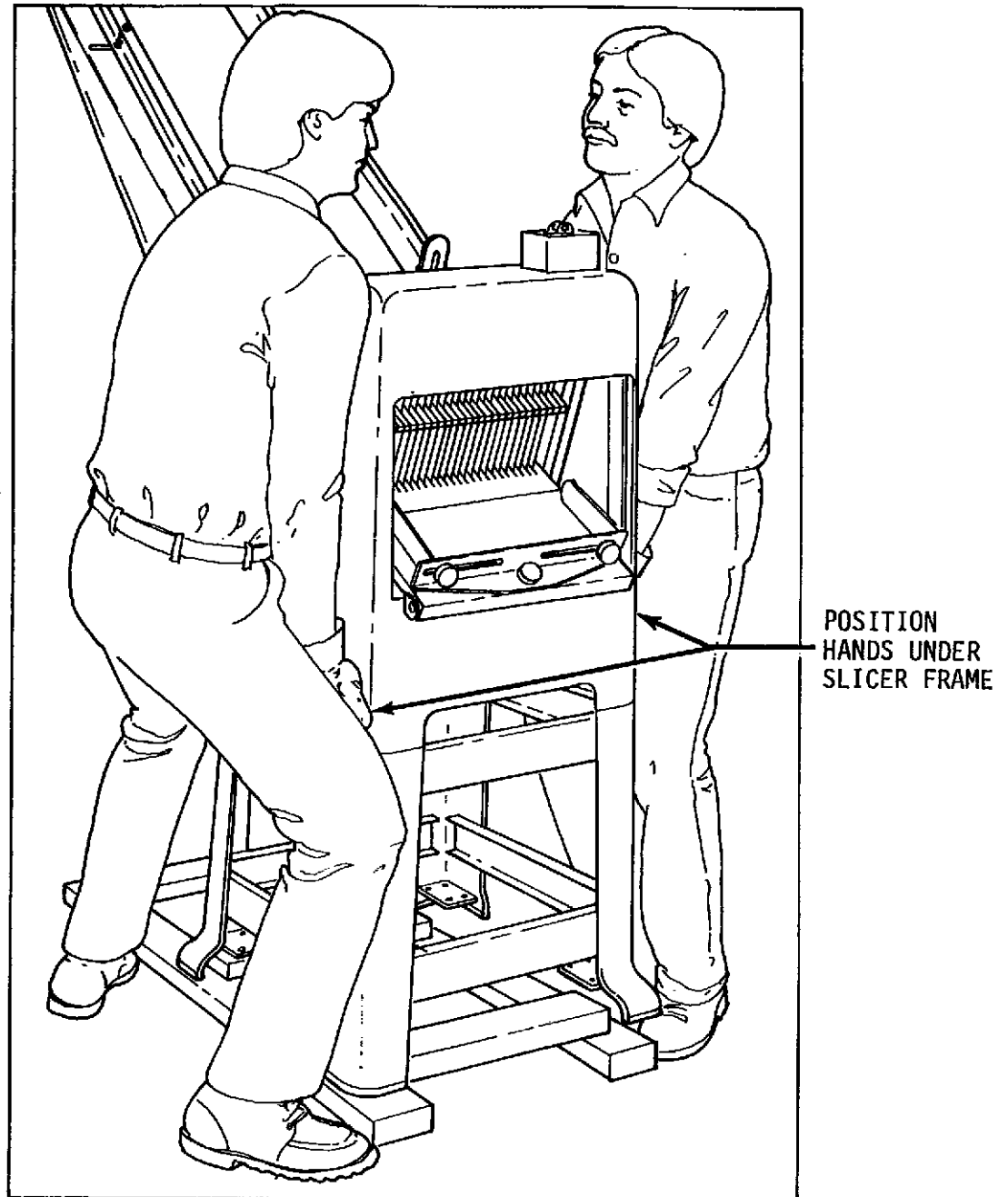


Figure 5. Removing Slicer From Shipping Platform

## INSTALLING OPTIONAL CASTERS ON SLICERS

Place blocks on floor approximately 8 and 38 inches from discharge side of slicer. Lower holddown to lowest position and tighten holddown adjustment knob to prevent outfeed table from swinging out. With one person on each side of the slicer, gently lower slicer onto blocks. See Figure 6.

### NOTE

Spring feed slicer must be laid down onto blocks on its side to avoid damaging tables.

Locate casters, 1/4-inch bolts, washers, and lockwashers in option package. Using a wrench to turn bolts into threaded holes, install both locking casters on discharge side of slicer. See Figure 7. Set brakes tightly on both locking casters (this will help to keep wheels from rolling when lifting slicer back to upright position).

Install the two rigid casters in the same manner on infeed side of slicer.

### CAUTION

Never attempt to lift slicer by the infeed chute as damage to the slicer may result.

On Power Belt slicers and all slicers equipped with a Model 1179S bagger, a counter weight will be attached to the caster brackets on the right-hand side of the machine (viewed standing on the outfeed side). DO NOT REMOVE THE WEIGHT! On these machines four of the 1/4-inch bolts above should be replaced with four hex nuts (furnished in the option package), as shown in Figure 7. All other caster installation procedures should be performed as described above.

Chock the locked wheels using a 2x4 to ensure that they will not roll or skid when lifting the slicer back to the upright position. Carefully lift slicer back to upright position. Release brakes to roll slicer to desired position.

### NOTE

On exported slicers an oil coating is sprayed on machines for protection while in transit. Carefully remove oil coating, using an ordinary household type cleaner, before using slicer.

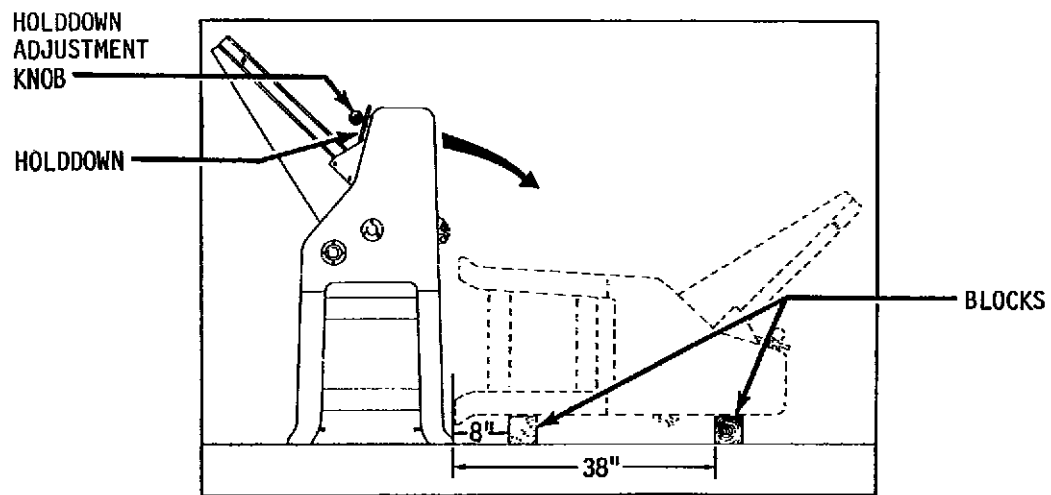


Figure 6. Lowering Slicer Onto Blocks

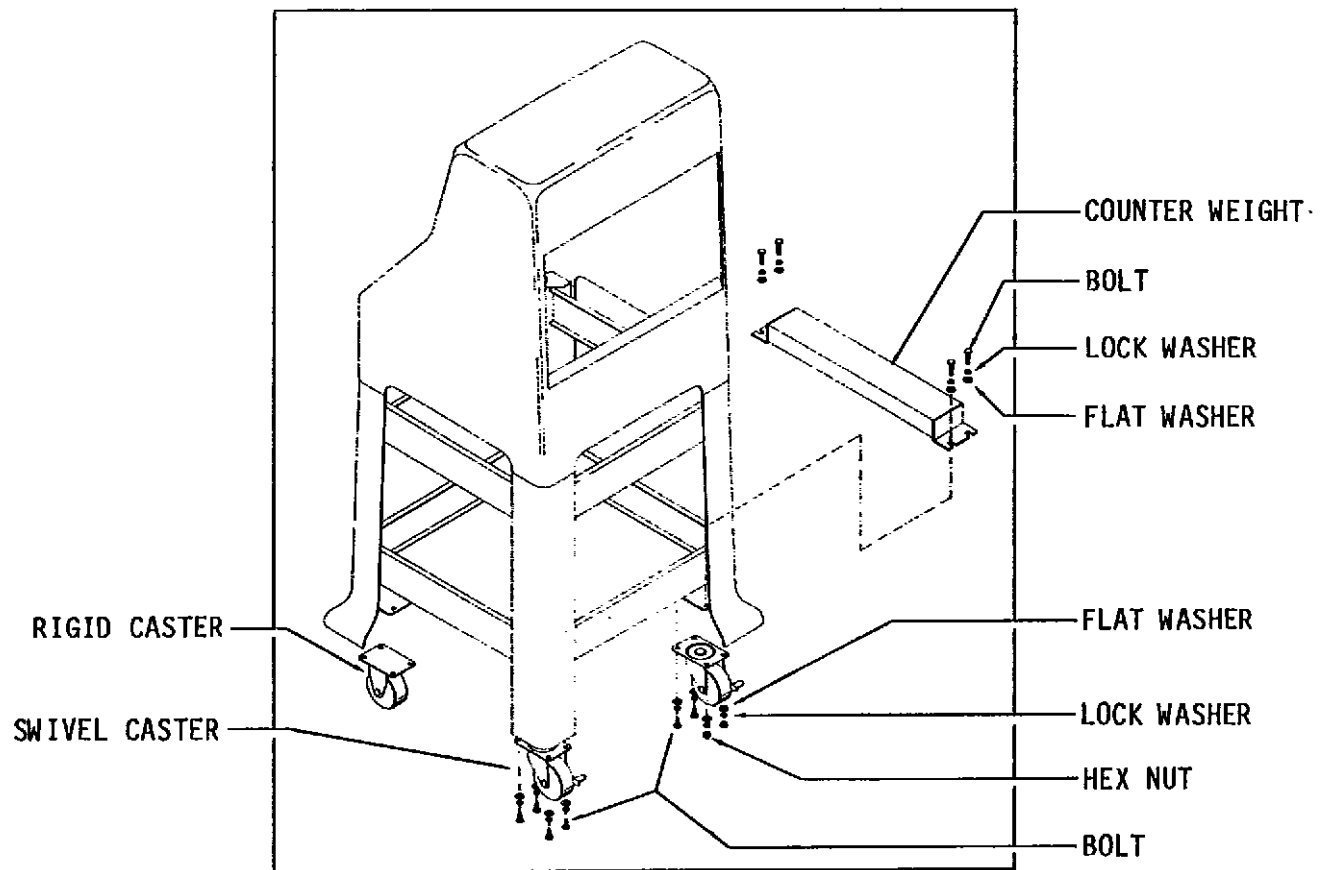


Figure 7. Locking Caster Installation

## MAXIMUM PRODUCT SIZES

### CAPACITY: (PRODUCT)

Gravity Feed and Power Feed Slicers

16" (41 cm) length x 5" (13 cm) height

Spring Feed Slicer

16" (41 cm) length x 10 1/2" (27 cm) width x 6" (15 cm) height

### SLICE SPACING:

Standard . . . . . 1/2" (12.7 mm)

Optional (at extra cost) . . . . . 1/4, 3/8, 7/16, 9/16, 5/8, 3/4, 1"  
(6.4, 9.5, 11.1, 14.3, 15.9, 19, 25.4 mm)

Others Available; Contact Factory

### APPROVED OPTIONS:

All Slice Spacings

32" Gravity Chute

48" Gravity Chute

48" Power Belt Chute

1/2 HP 1-60-115 Electrics

1/2 HP 1-60-230 Electrics

Gravity Outfeed Table

Curved Outfeed Table

1179 Bagger Outfeed Table

Counter Top Units (Without Base)

Bagging Scoop

Mounting Bracket with Kwic-Loc or Tach-It Tier

Casters

1179S Swing Away Bagger

Extra Capacity Crumb Tray

## SPECIFICATIONS

### FLOOR SPACE DIMENSIONS

See Figures 8 through 11 for the slicers overall floor space dimensions.

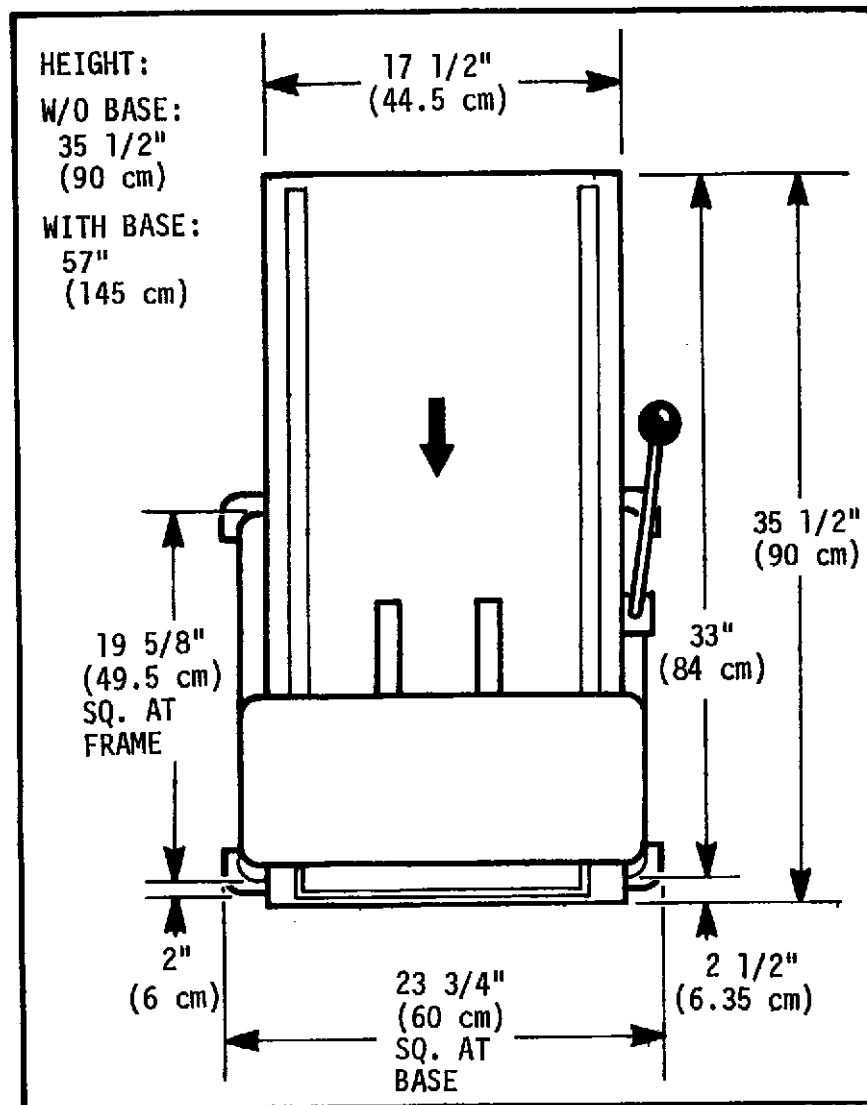


Figure 8. 32" Gravity Feed Slicer

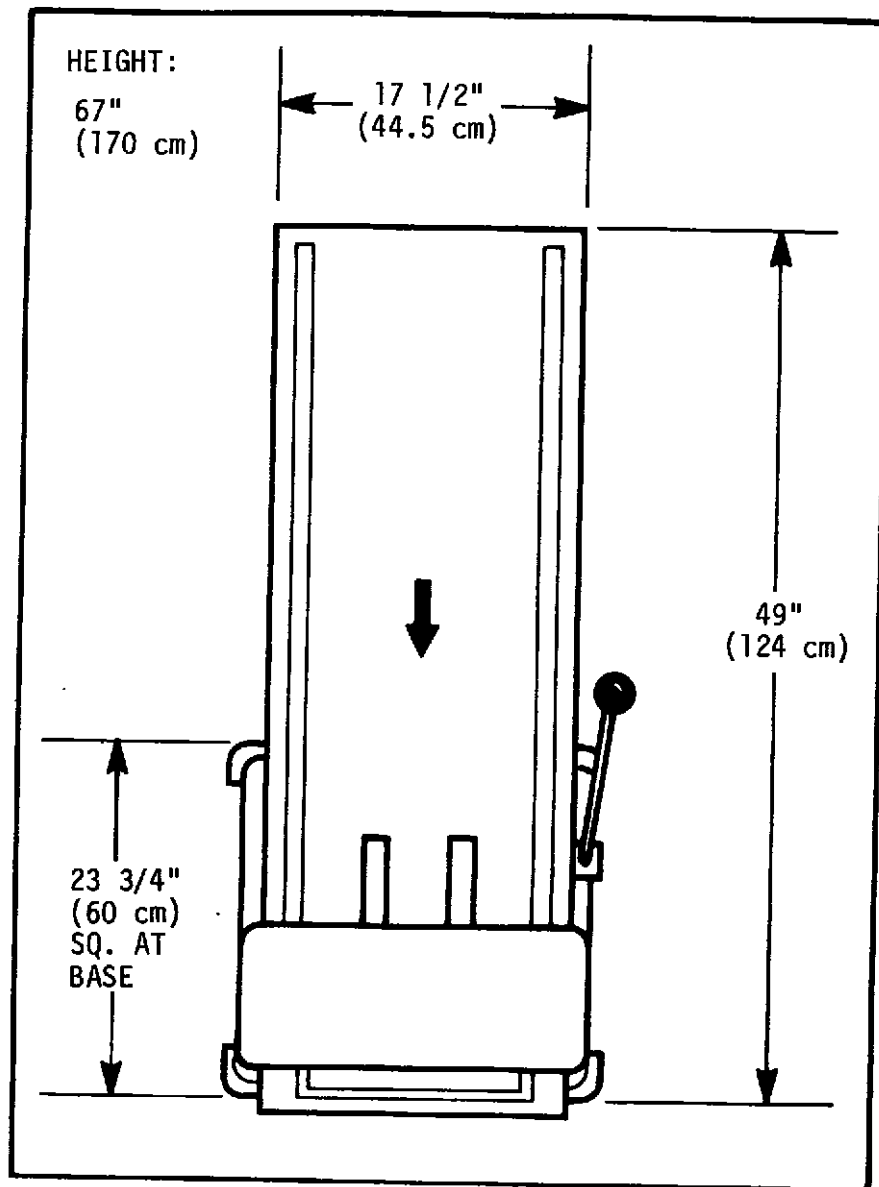


Figure 9. 48" Gravity Feed Slicer

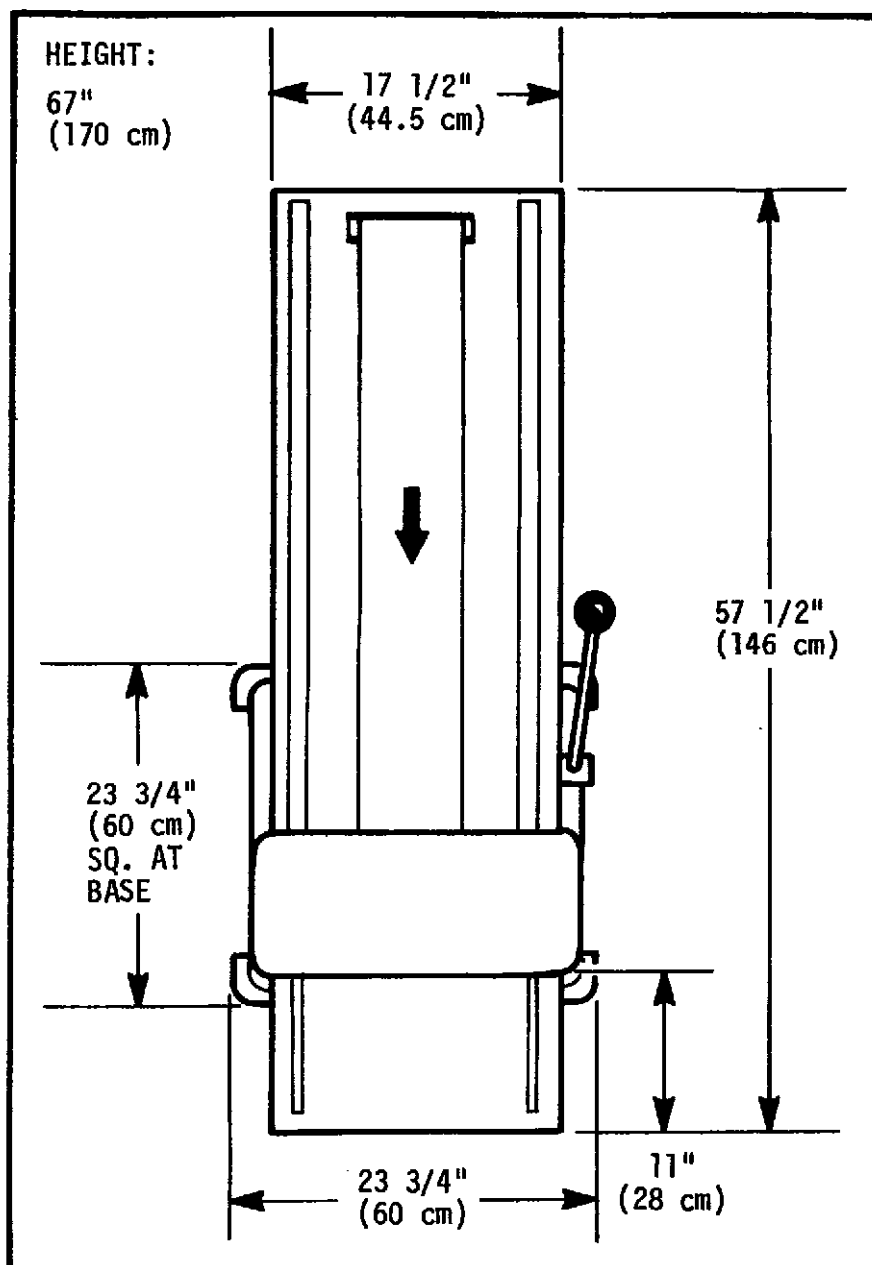


Figure 10. Power Feed Slicer

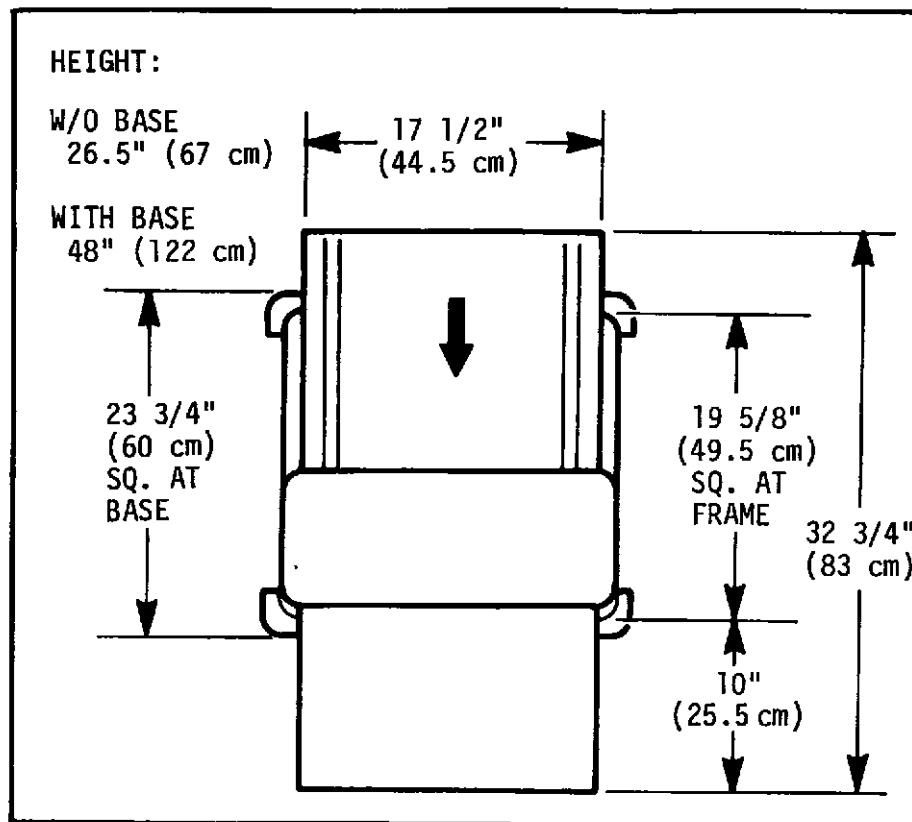


Figure 11. Spring Feed Slicer



## OPERATING INSTRUCTIONS

### ADJUSTING GRAVITY FEED OR POWER FEED SLICERS

#### 1. Adjust Slicer for Product Height

Loosen holddown adjustment knob. Adjust the holddown so the product just clears the holddown as it passes through the cutting knives. Tighten holddown adjustment knob. See Figure 12. Proper adjustment of holddown will prevent product from jumping as it passes through the cutting knives.

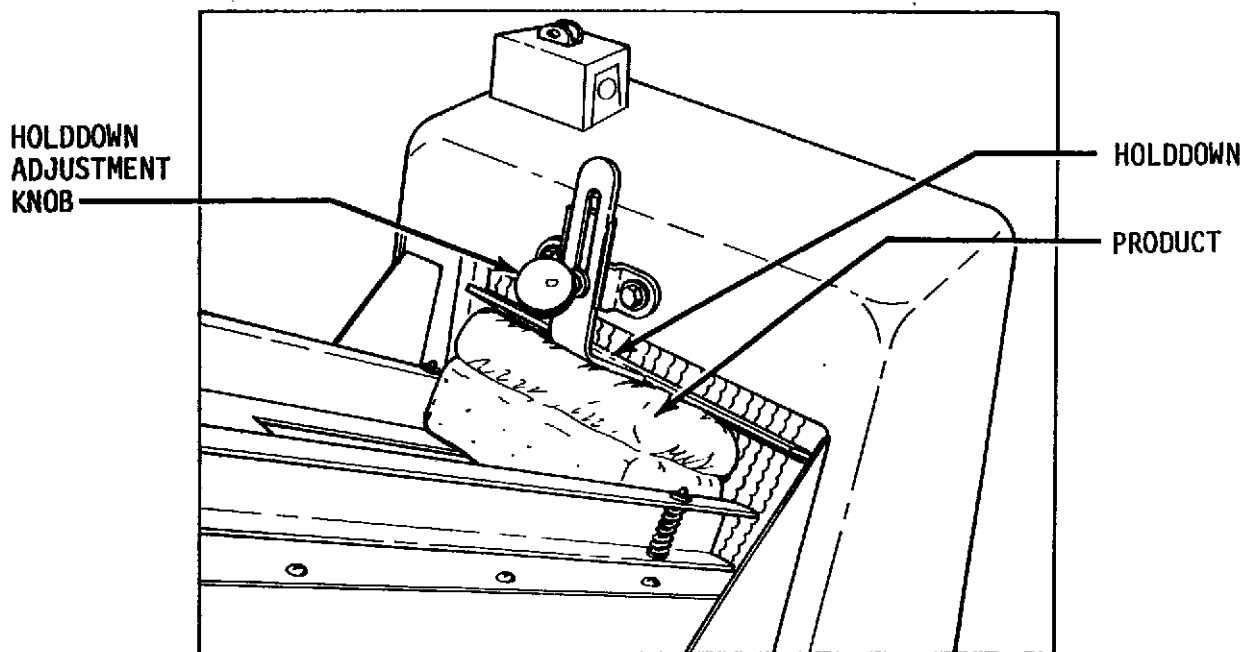


Figure 12. Adjust Slicer for Product Height

## 2. Adjust Slicer for Product Length

Using a typical product, adjust the infeed chute side guides by hand pressure. See Figure 13. Set side guides approximately 1/8 inch wider than the product.

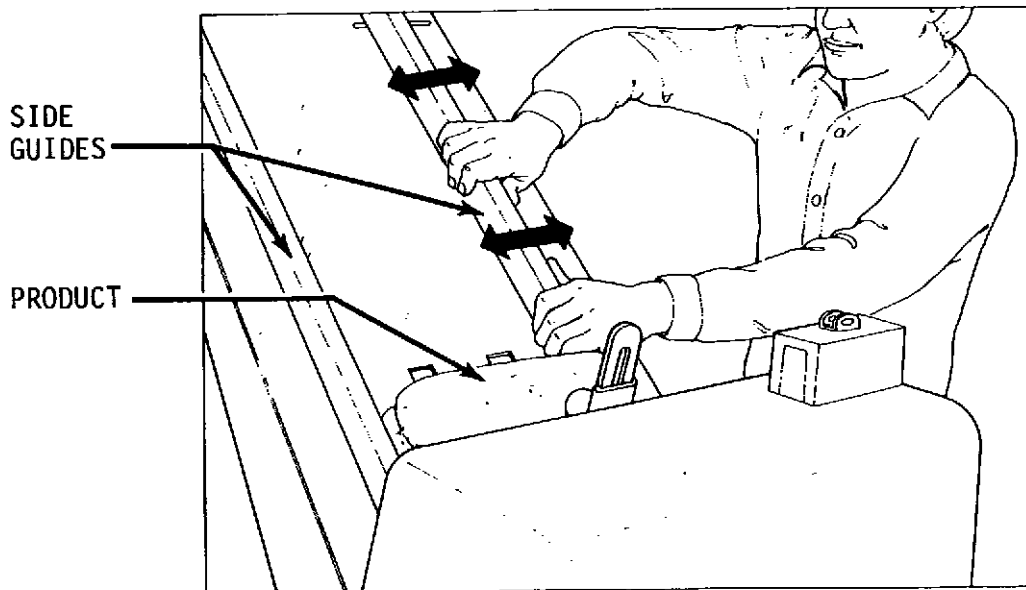


Figure 13. Adjust Slicer for Product Length

## 3. Adjust Outfeed Side Guides (Gravity Feed with Standard Outfeed Table)

Adjust side guide extensions so that they are approximately 1/4 inch from the cutting knives. Loosen outfeed side guide adjustment knobs. Adjust the outfeed side guides to align with the infeed guides. See Figure 14. Tighten side guide adjustment knobs. Proper adjustment of these guides will keep the end slices from falling over as the product exits the cutting knives.

NOTE

On power feed slicers or slicers with curved outfeed tables, align the outfeed guides with the infeed guides by using hand pressure as in Step 2.

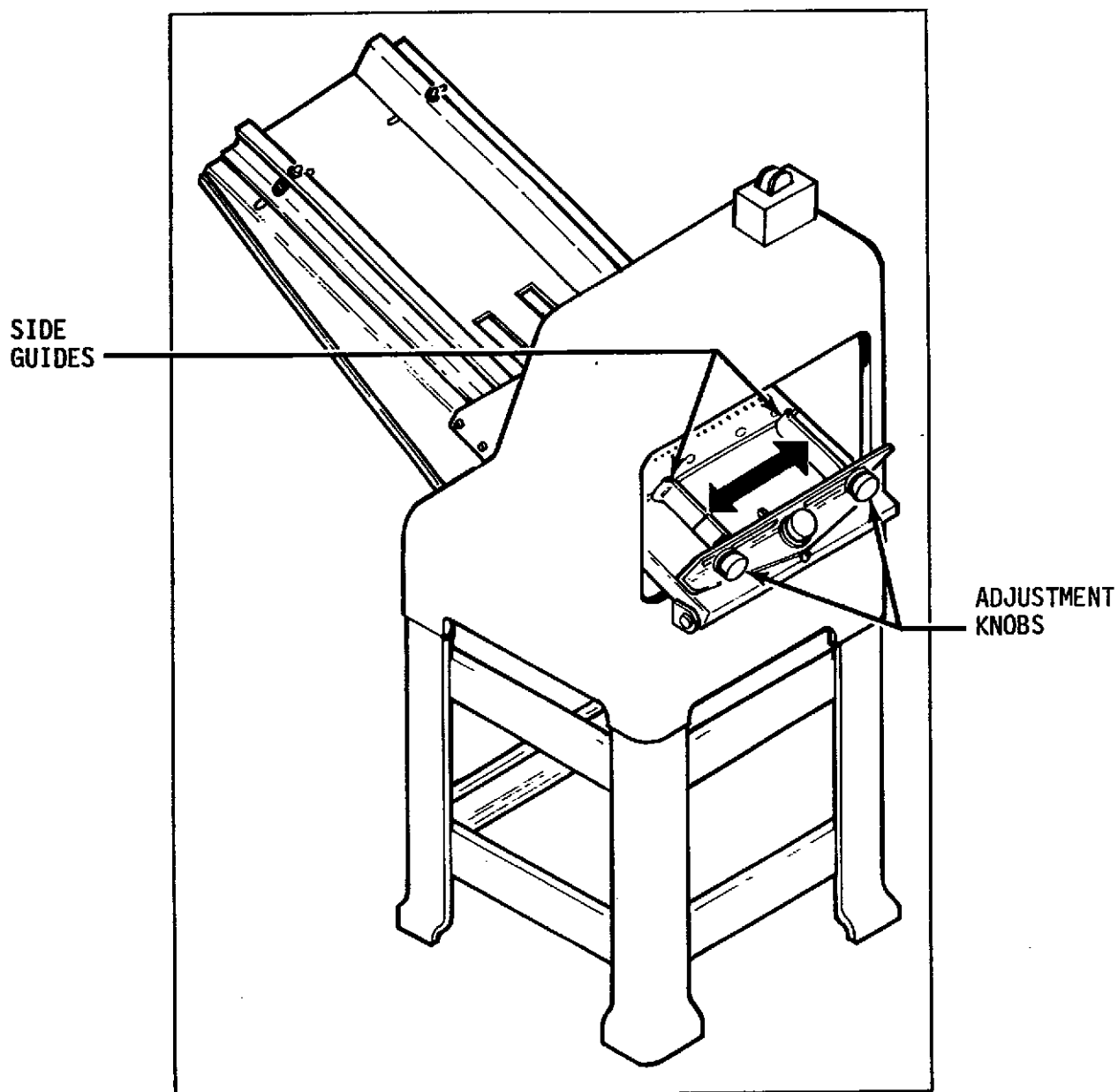


Figure 14. Adjust Outfeed Side Guides

## OPERATING GRAVITY FEED OR POWER FEED SLICERS

Once the slicer has been properly adjusted for product clearance, the infeed chute may be loaded with the product to be sliced. Flipping the starting switch to the ON position will begin operation. Remove each sliced product from the discharge table as it is sliced.

### NOTE

The gravity feed slicer's optimum operating efficiency will be maintained by ensuring that the infeed chute is kept fully loaded. The speed of the slicer is dependent on the number of products in position on the infeed chute, sharpness of cutting knives, and texture of product.

## OPERATING GRAVITY FEED LAST LOAF PUSHER

The 32" and 48" gravity feed slicers are equipped with a last loaf pusher to feed the last product on the infeed chute through the cutting knives. To operate the last loaf pusher, simply pull the last loaf pusher lever toward the discharge side of slicer. See Figure 15. Return lever to upper position before reloading the infeed chute.

### **WARNING**

Always use care whenever working near moving cutting knives.

Once the last loaf pusher has fed the product into the cutting knives as far as it can, it may be necessary to pull the product the rest of the way through the cutting knives by hand.

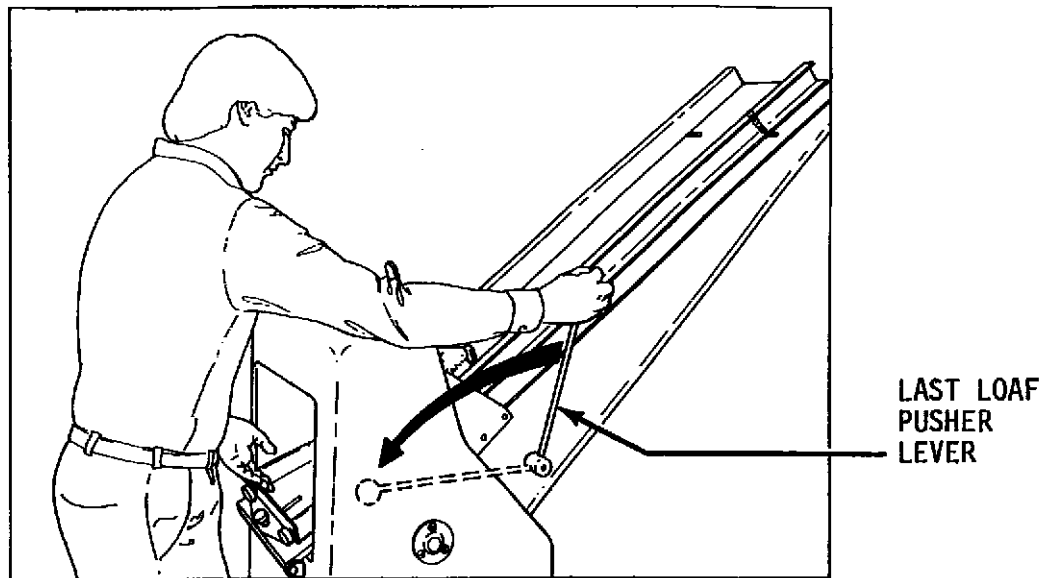


Figure 15. Gravity Feed Last Loaf Pusher

#### OPERATING SPRING FEED SLICER

First adjust Outfeed guides by hand to suit length of product. See Figure 16. Stand on the Infeed side of slicer, grasp pusher knob with left hand, and pull Infeed pusher completely back. With your right hand, place the product to be sliced between the pusher and the cutting knives. See Figure 17.

#### **WARNING**

Do not allow hand to remain between product and cutting knives when releasing pusher.

With your right hand, flip the start switch to start motor. Release infeed pusher allowing pusher to move product through cutting knives.

Slicer motor will shut off automatically when product is completely sliced. Remove sliced product from discharge table.

Motor will automatically restart when the pusher is pulled back.

On extremely hard-crusted loaves of bread, the slicing operation may be assisted by applying pressure to the infeed pusher.

**WARNING**

Always turn the Main Switch OFF after each operating period to prevent accidental start-up of the slicer.

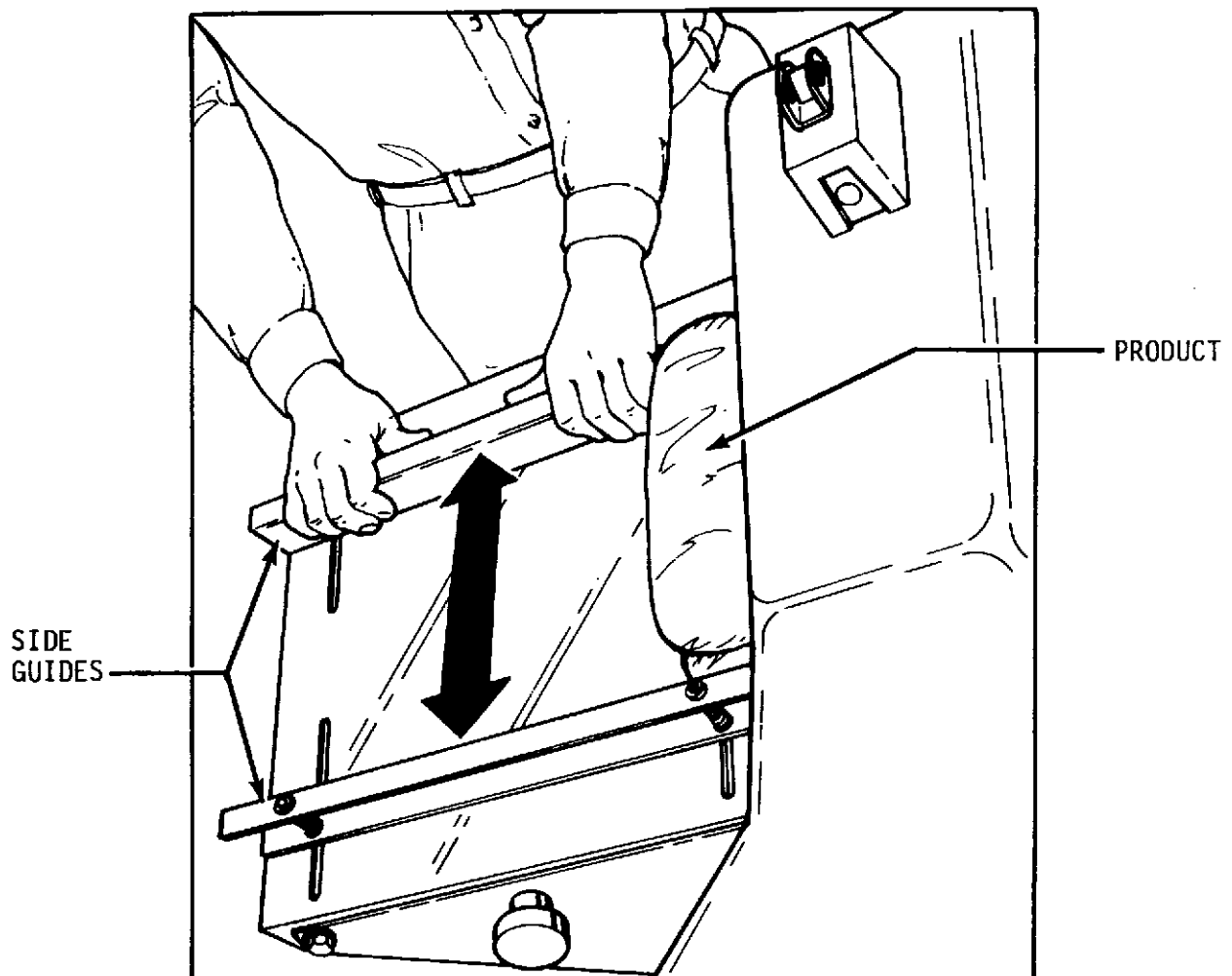


Figure 16. Adjust Outfeed Guides

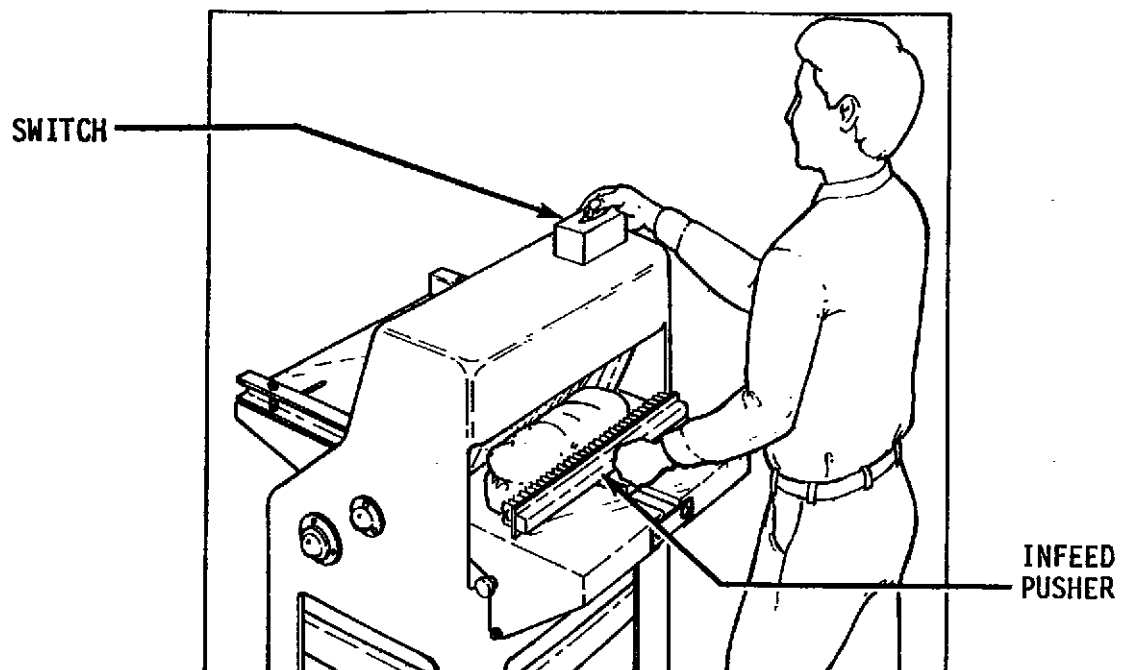


Figure 17. Operating Spring Feed Slicer

## MAINTENANCE

### **WARNING**

Always unplug slicer before performing any maintenance task.

#### REMOVING BLADE FRAME FROM DISCHARGE SIDE OF GRAVITY FEED OR POWER FEED SLICERS

Swing discharge table out from the slicer. See Figure 18. Pull clip from eccentric pin and slide the top link toward eccentric pin mounting brace. See Figure 19. Use a wrench to loosen and remove the two capscrews which fasten the blade frame feet to the rocker shaft. See Figure 20.

### **WARNING**

Cutting knives are extremely sharp. Always handle blade frames with care.

Carefully lift the blade frame from the slicer. See Figure 21.

#### REMOVING BLADE FRAME FROM INFEED SIDE OF GRAVITY FEED SLICER

#### NOTE

Removal of the infeed side blade frame from power feed slicer is very difficult and is not necessary in order to change infeed side blade frame cutting knives.

See Changing Blades - Power Feed Slicer.



Using a screwdriver and a 3/8-inch wrench, remove the four screws and nuts holding chute guard in place under gravity infeed chute. See Figure 22. This will provide access for removing capscrews holding the infeed side blade frame feet to the rocker shaft.

Remove the infeed side blade frame in the same manner as the discharge side blade frame.

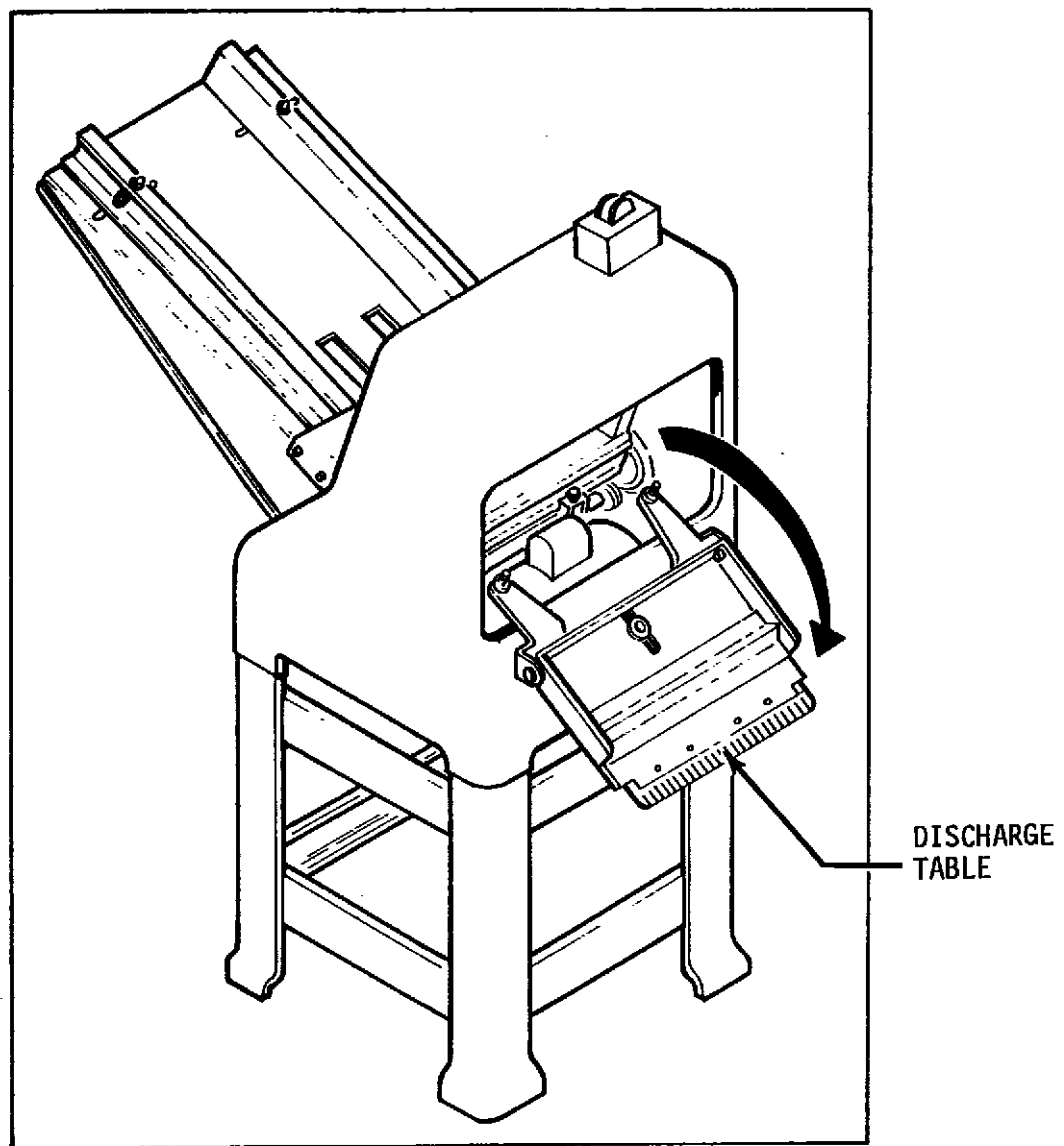


Figure 18. Swing Discharge Table Out

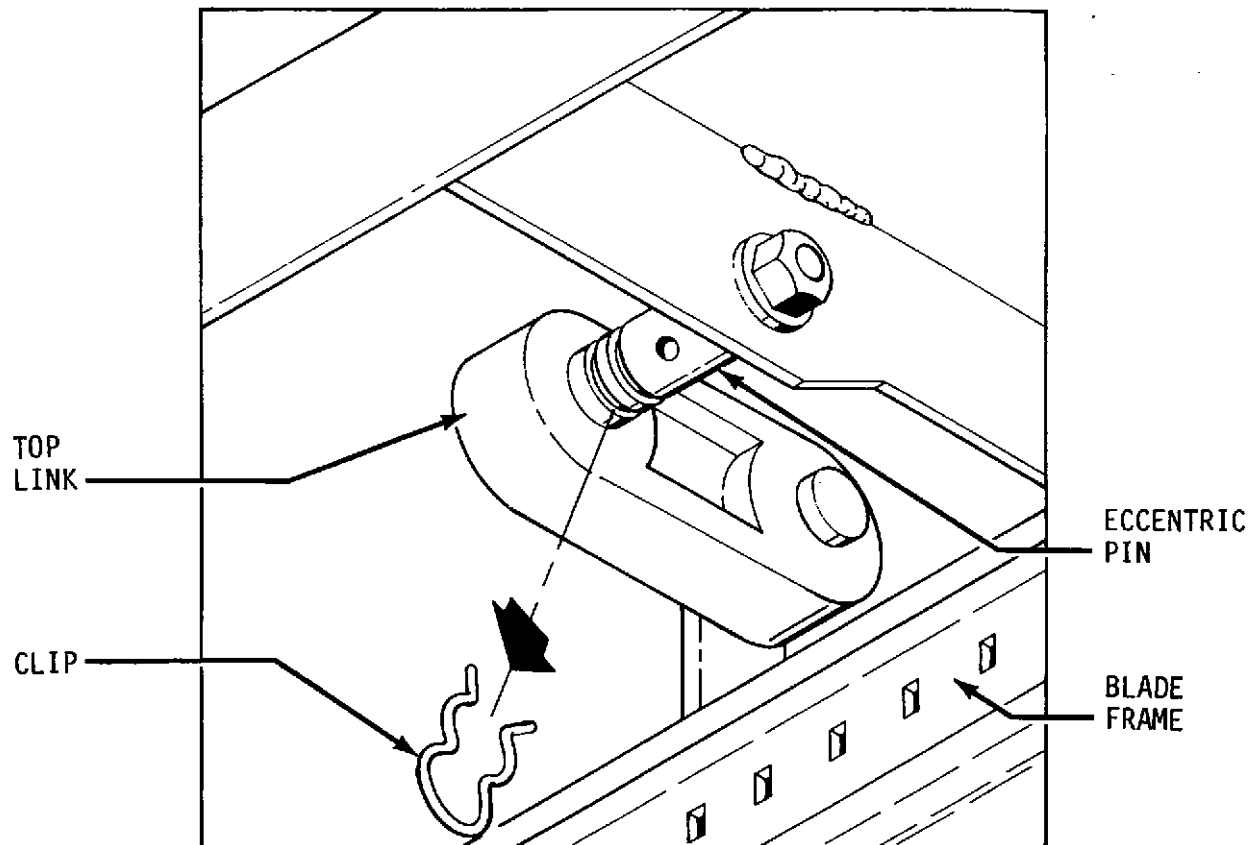


Figure 19. Removing Clip From Eccentric Pin

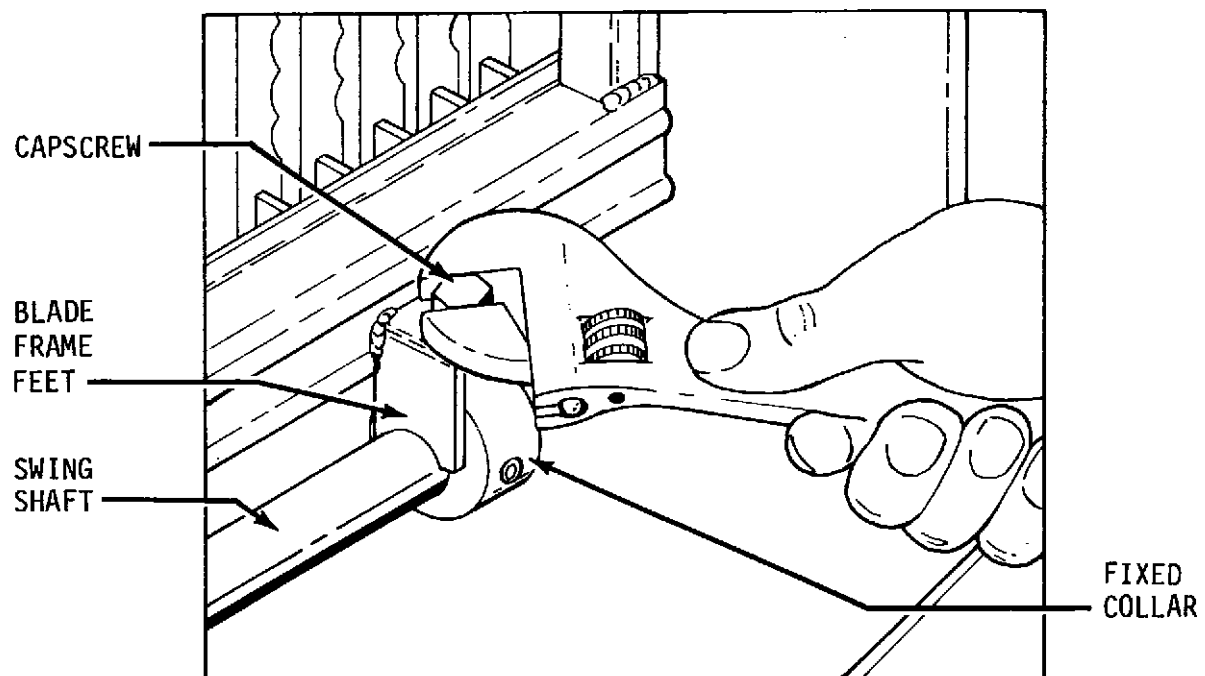


Figure 20. Removing Capscrews Securing Blade Frames

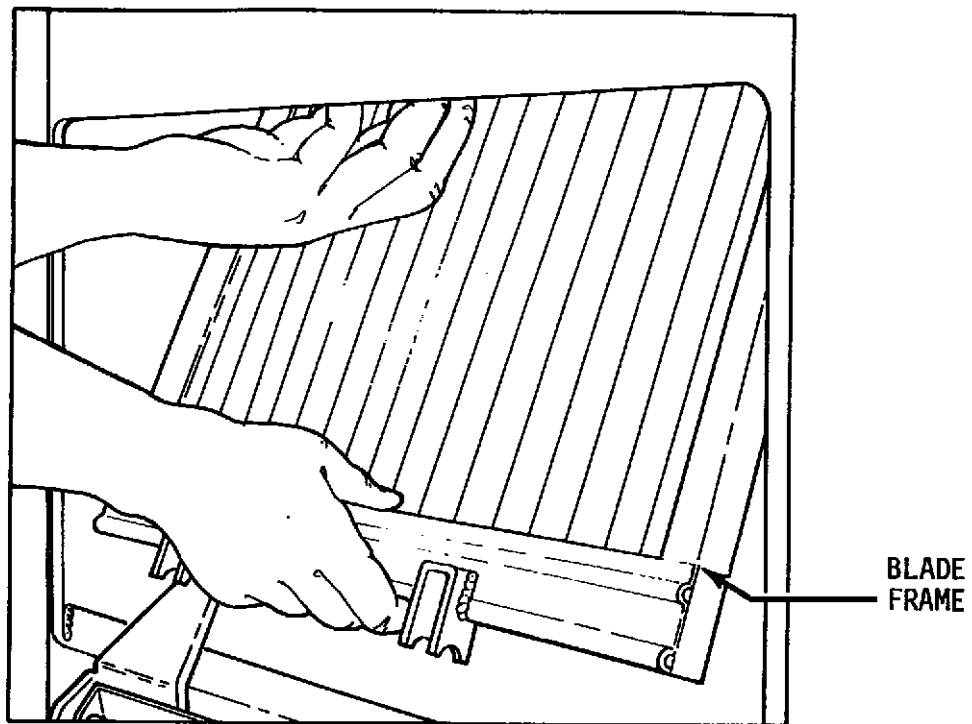


Figure 21. Removing Blade Frames

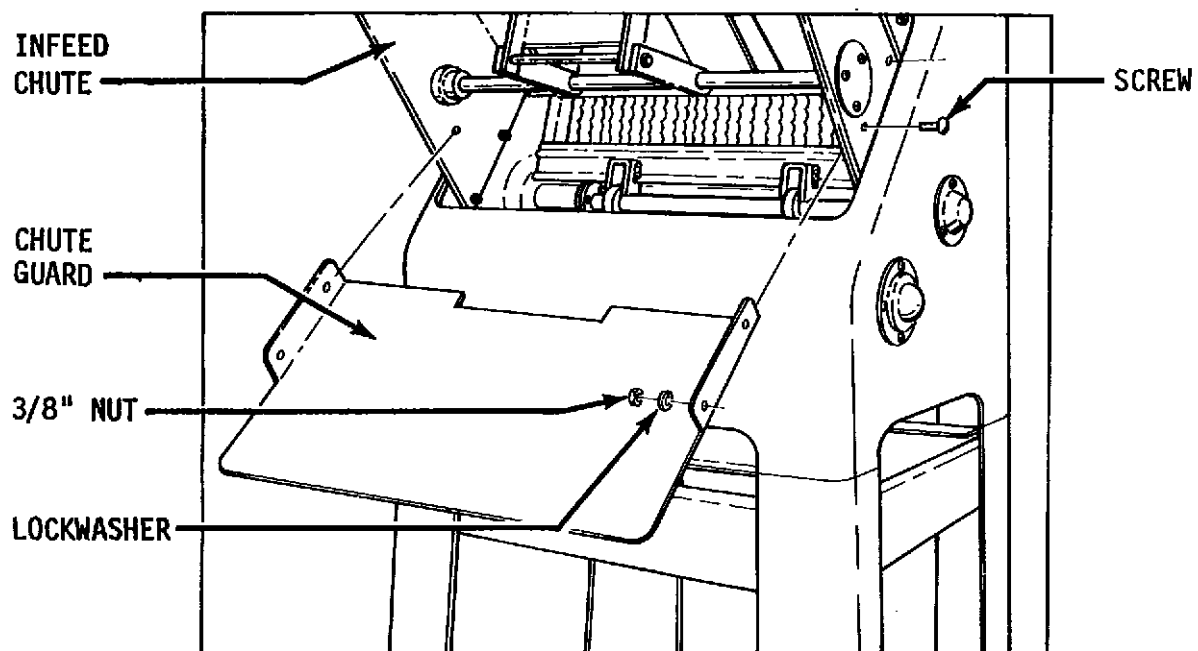


Figure 22. Removing Chute Guard

## REMOVING BLADE FRAMES FROM SPRING FEED SLICER

Loosen the four knobs which lock infeed and discharge tables in place. Swing tables out of slicer to allow access to blade frames. See Figure 23. Remove the blade frames in the same manner as described for the Gravity Feed Slicer. (Refer to Figures 19, 20, and 21.)

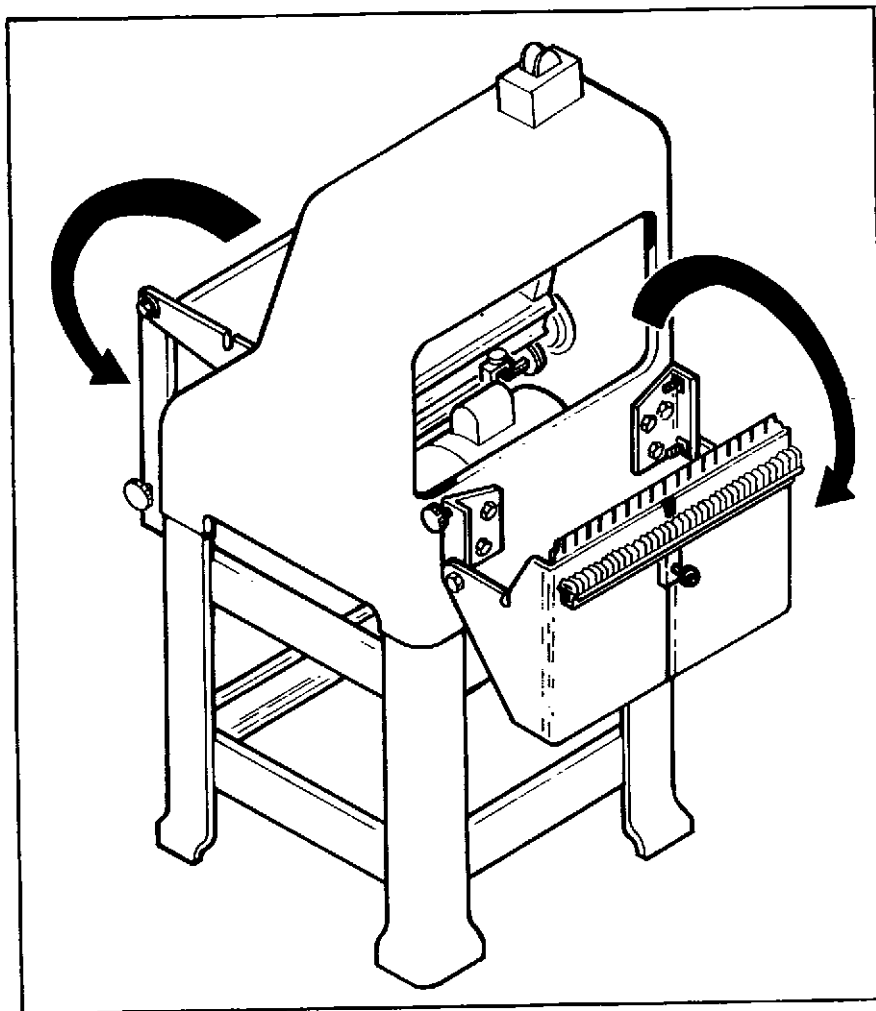


Figure 23. Swing Out Tables From Spring Feed Slicer

## REPLACING BLADE FRAMES - ALL MODELS

To replace the blade frames, reverse the removal procedure. Ensure that the feet of the blade frames rest snugly on the swing shafts. Tighten capscrews at feet securely with a wrench. Top links must be attached to the blade frames with clips back in position.

## CHANGING CUTTING KNIVES

### WARNING

Cutting knives are extremely sharp. Always handle knives with care.

Place blade frame on a flat surface. Insert the special knife tool into blade holder. See Figure 24. Lifting up on the knife tool will deflect upper blade mount reducing tension on the cutting knife. Carefully remove the cutting knife from the blade mount.

### NOTE

Since the power feed slicer infeed side blade frame cannot be easily removed, a special tool has been provided to allow removal of cutting knives from blade frame while still in the slicer. The cutting knives are changed in the same manner as used to change cutting knives outside of the slicer.

Reverse the procedure to install replacement cutting knife. A paper clip can be used to hold cutting knife in position on lower blade mount during cutting knife installation. See Figure 25.

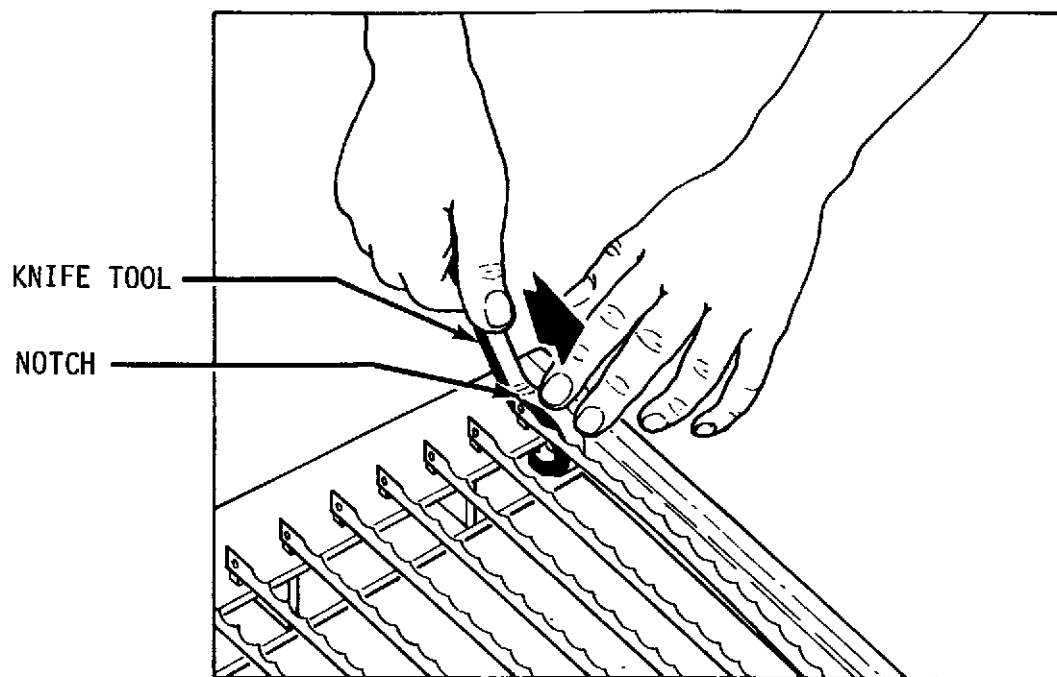


Figure 24. Blade Removal Using Knife Tool

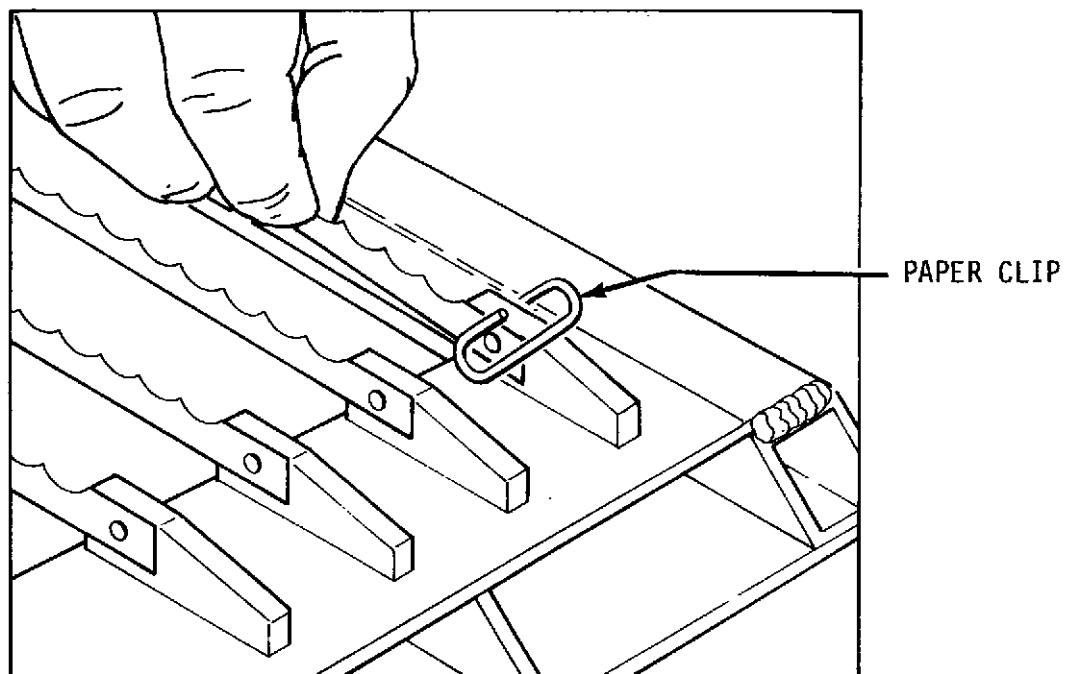


Figure 25. Cutting Knife Installation

## NOTE

When replacing all the cutting knives, always remove the center cutting knives first and work towards the ends. Install the new cutting knives at the ends first and work alternately towards the center. Always remove and replace one blade at a time. DO NOT remove all blades at the same time.

### CAUTION

Never put blade frames in the slicer without cutting knives installed.

## TIGHTENING BELT

### CAUTION

Overtightening drive belt may cause bearing or motor failure.

Remove crumb tray from slicer and swing out discharge table. Loosen lockbolt located below belt adjustment mechanism. See Figure 26. Locate adjustment bolt below belt. See Figure 27. Turn adjustment nut counterclockwise with a wrench to increase tension on drive belt. To reduce tension, turn adjustment nut clockwise. Drive belt should be just tight enough, using moderate finger pressure, to allow a 3/8-inch deflection halfway between the motor drive pulley and the driven pulley. Retighten lockbolt.

## REPLACING BELT

Remove the crumb tray and swing out the discharge table. (Refer to Figure 26.) Locate the adjustment bolt below drive belt. (Refer to Figure 27.) Turn adjustment bolt clockwise with a wrench to loosen the drive belt. Disconnect end of

connecting rod at rocker frame by removing two capscrews and cap. See Figure 28. Remove drive belt from pulleys. Install new drive belt by reversing the removal procedure. Refer to Tightening Belt section to adjust drive belt tension.

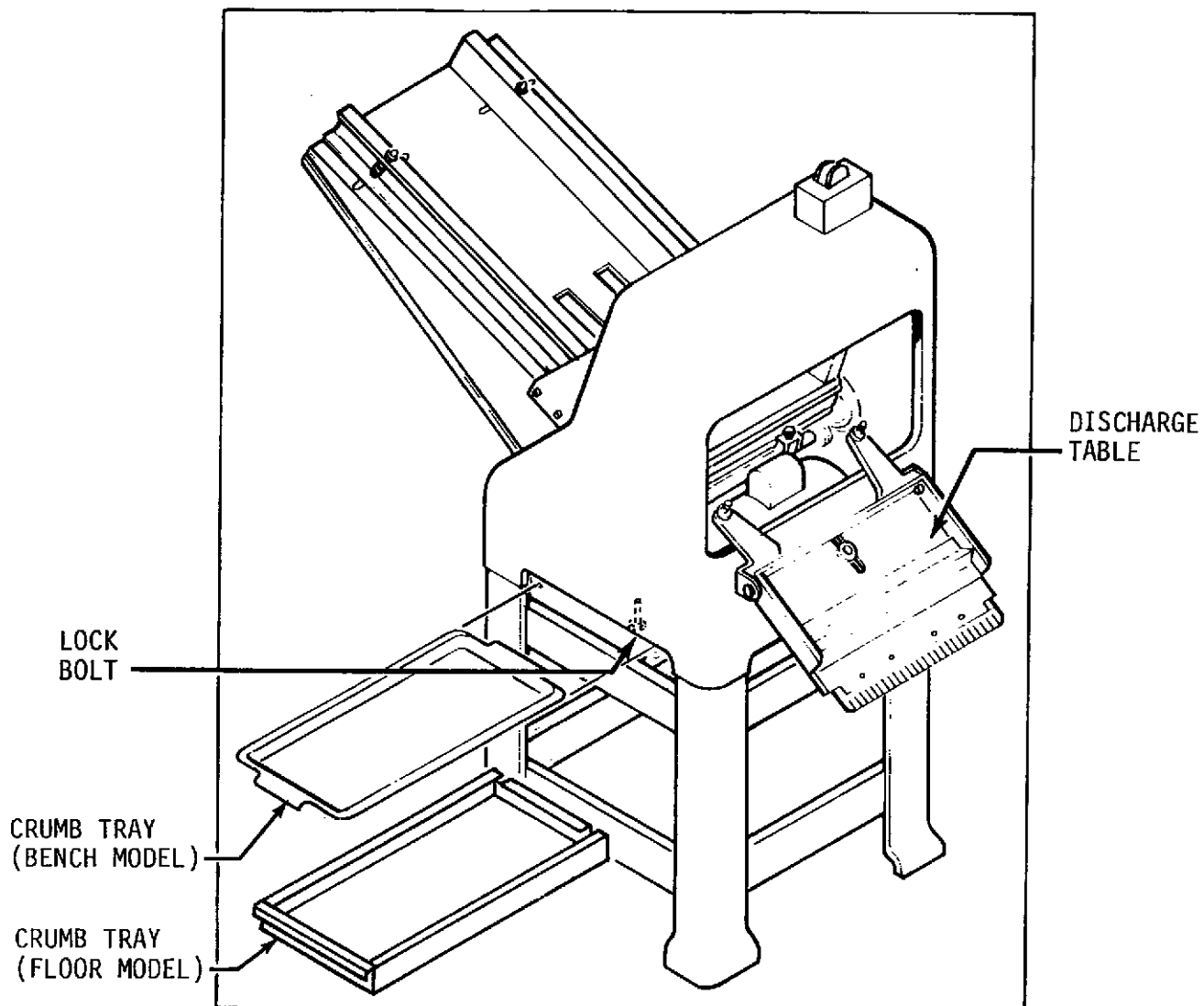


Figure 26. Removing Discharge Table and Crumb Tray



## TRACKING POWER FEED INFEED BELT

Loosen the lockbolts on each side of the infeed chute. See Figure 29. Locate the infeed belt tensioning screws at the top of infeed chute. The infeed belt will tend to drift towards the loose side of the belt. If the infeed belt drifts to one side, tighten that side by turning the adjustment screw counterclockwise or by loosening the opposite (tight) side by turning the adjustment screw clockwise.

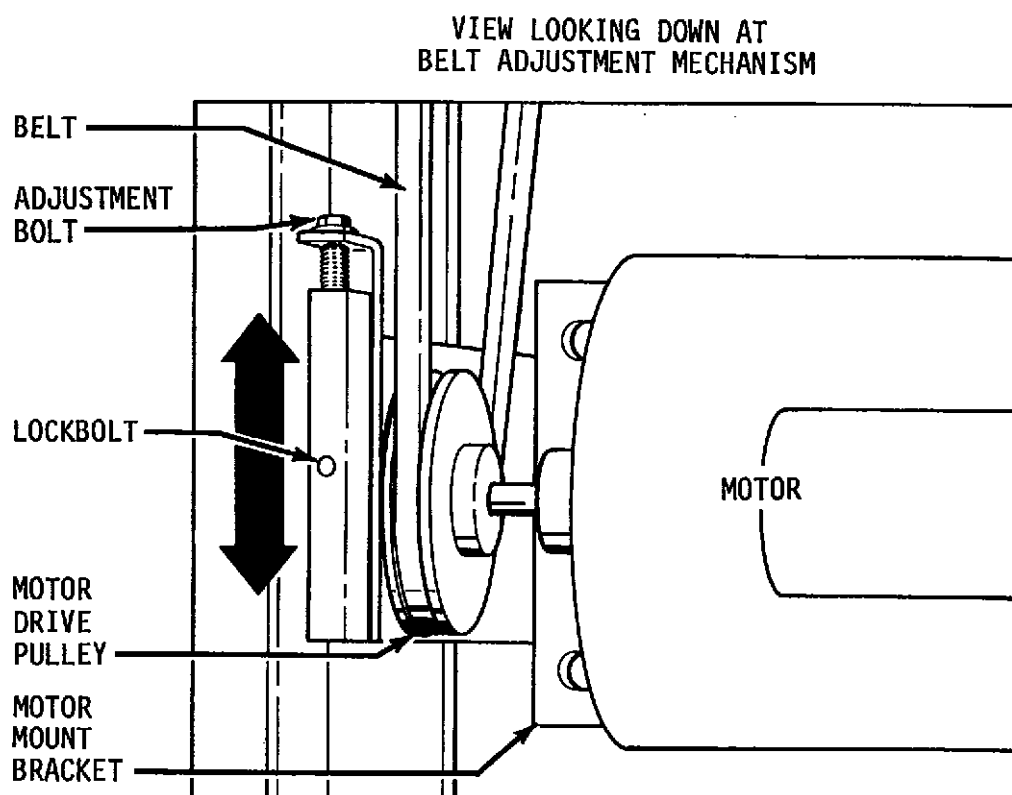


Figure 27. Adjusting Drive Belt

## REPLACING INFEED BELT ON POWER FEED SLICERS

Remove lower chute guard and loosen lockbolts. See Figure 29. Turn tensioning screws clockwise to loosen the belt. To ease reassembly, remove the idler roll (center roller) by removing the acorn nuts from the ends of its shaft and sliding it out.

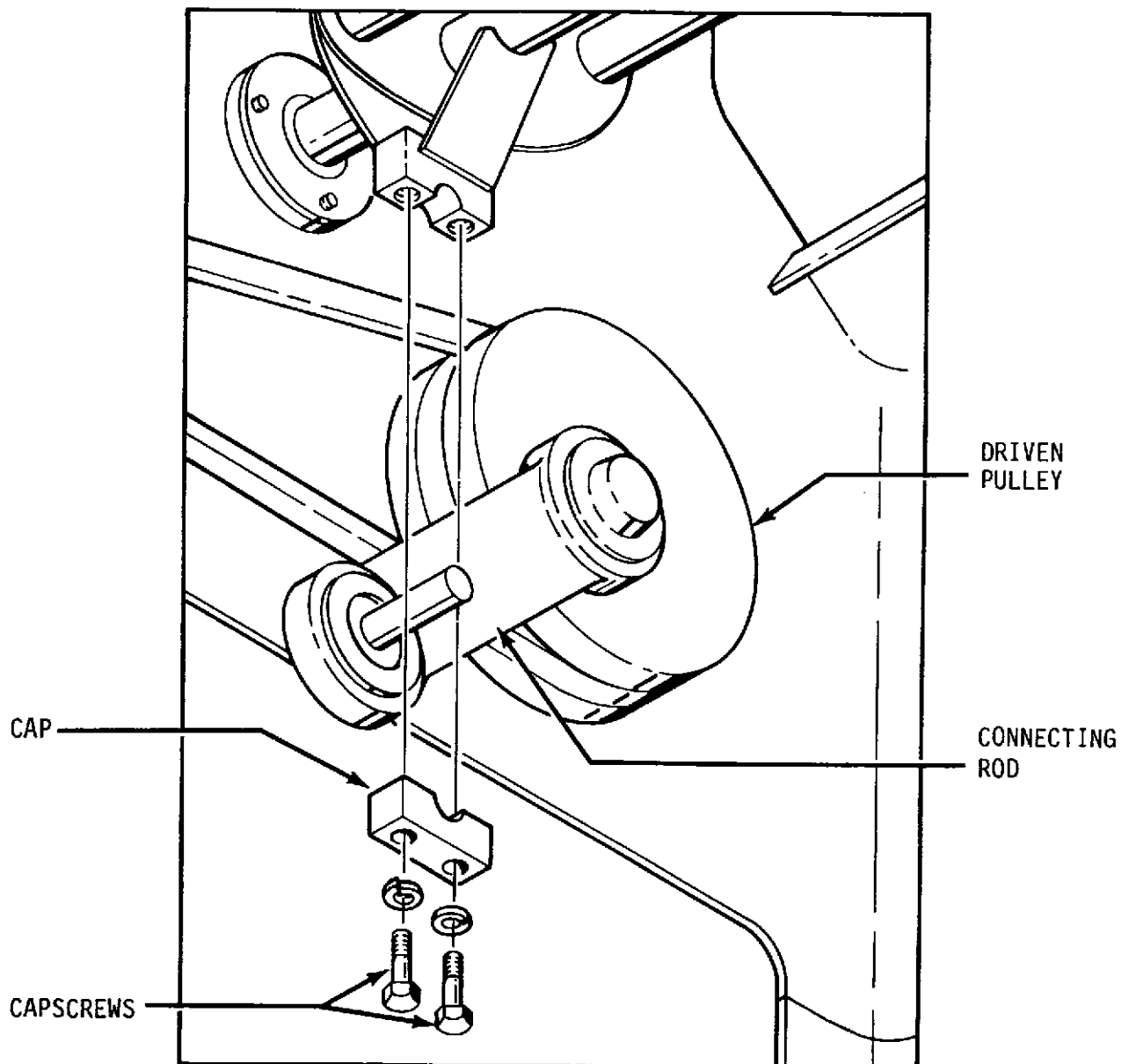


Figure 28. Removing Connecting Rod

The belt itself may now be removed by removing the pin from the lacing of the belt with a pair of pliers, allowing the belt to separate. The belt can now be lifted from the machine.

Install the new belt by joining the ends together and inserting the pin into the lacing. Reinstall the idler roller by reversing its removal procedure. Track the belt as described above. Replace lower chute guard, being sure to tighten all screws and lockbolts.

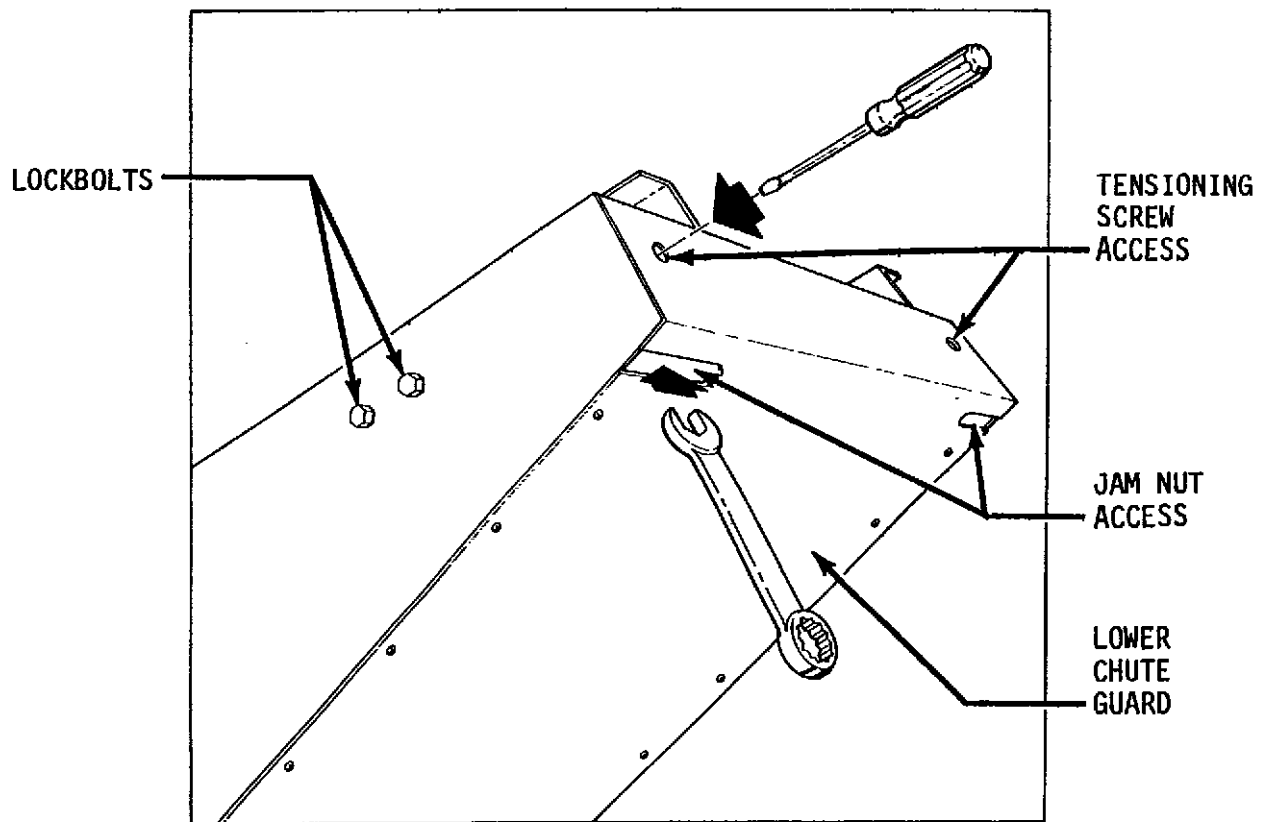


Figure 29. Adjusting Power Feed Belt Tracking

## LUBRICATION

Once a month put a drop of a food approved lubricant on the four bushings at the top links above blade frames. All other bearings are grease packed and seldom need attention.

### **CAUTION**

Never oil or grease the motor.

## CLEANING

### CLEANING GRAVITY FEED OR POWER FEED SLICERS

Swing out the discharge table to allow access for brushing off crumbs found on the working parts of the slicer. (Refer to Figure 26.) Slicer should be cleaned and crumb tray emptied on a regular basis as needed.

### CLEANING SPRING FEED SLICERS

Swing out the discharge and infeed tables to allow access for brushing off crumbs found on the working parts of the slicer. (Refer to Figure 23.) Slicer should be cleaned and crumb tray emptied on a regular basis as needed.

## BLADE FRAME ADJUSTMENT

### SLICES VARY IN THICKNESS

Swing out discharge table from the slicer. With a wrench loosen, but do not remove, hex head capscrews in feet of blade frame adjacent to discharge table. Using an allen wrench, loosen setscrew in rocker frame fixed collar. Using a ruler (15 inch maximum) measure the distance between the cutting knives. See Figure 30. Gently tap the fixed collar to the right or left with a small hammer until the distances between cutting knives are equally spaced. Tighten setscrew and capscrews in blade feet.

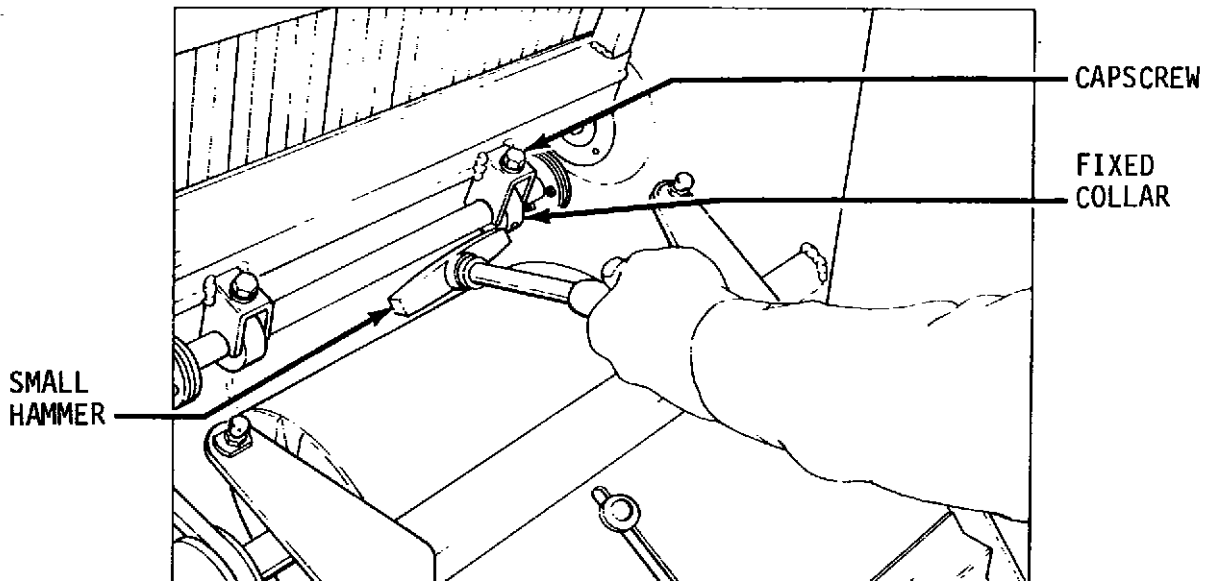


Figure 30. Adjusting Slice Thickness

## BLADE FRAME CLEARANCE ADJUSTMENT

The distance between the blade frames is adjusted by rotating the eccentric pins located above the blade frames. The eccentric pin is set off center to its threaded end. By rotating the pin its center point is changed in relation to its mounting point. A small screwdriver or rod must be inserted through the hole in the side of the eccentric pin to keep the pin from rotating while loosening locknut on the end of the pin with a wrench. See Figure 31.

Using a small screwdriver or rod, rotate pin to the desired position and tighten the locknut to hold pin in place. Check blade frame clearance by turning driven pulley by hand.

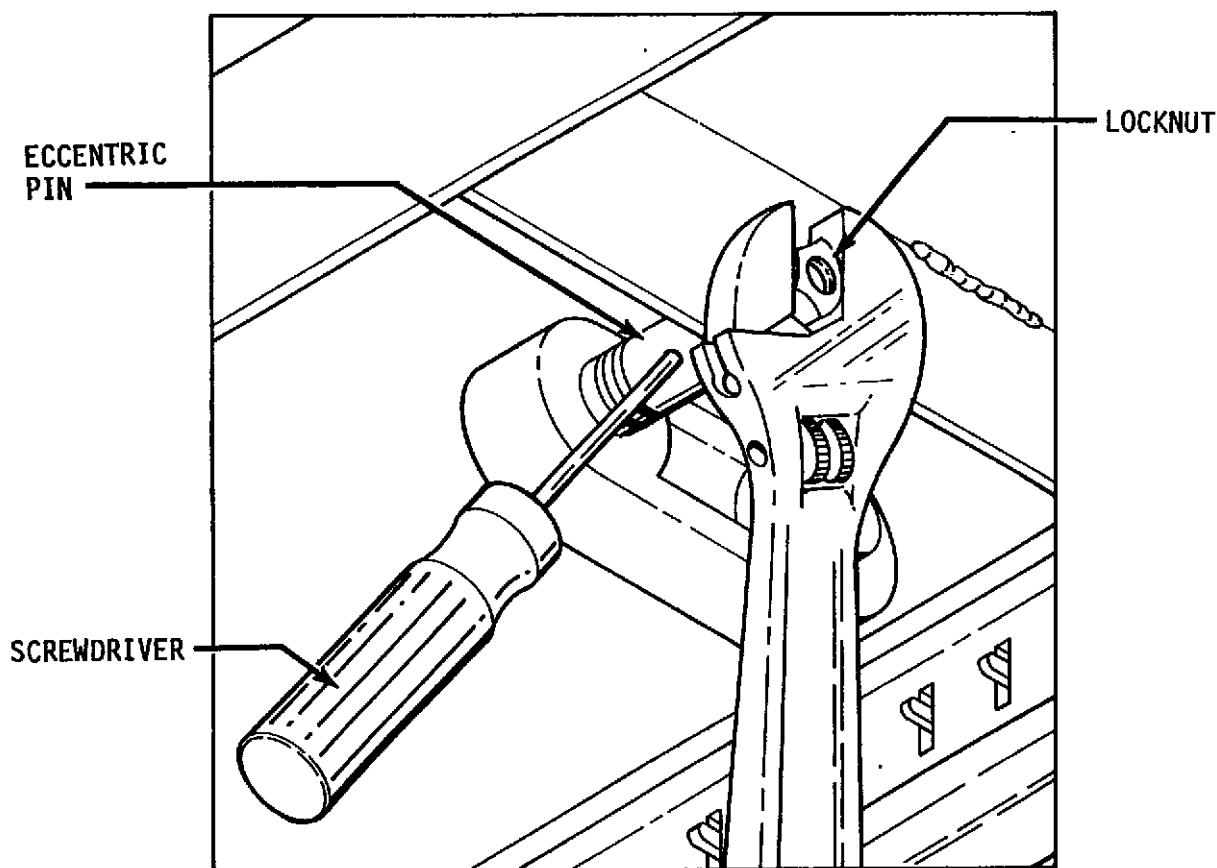


Figure 31. Adjusting Blade Frames Using Eccentric Pins

## TROUBLESHOOTING

### TROUBLESHOOTING GUIDE

**WARNING**

ALWAYS UNPLUG SLICER WHEN ADJUSTING OR REPAIRING.

PROBLEM	PROBABLE CAUSE(S)	REMEDY
BREAD SLICES VARY IN THICKNESS	Blade frames out of adjustment.	Adjust blade frames and fixed collar. (See Page 34.)
BLADE FRAMES KNOCKING	Not enough clearance between frames.	Adjust eccentric pins. (See Page 35.)
SWITCHES TURNED ON, MOTOR HUMS BUT WILL NOT START (SEE CAUTION)	Motor or drive system binding (defective bearings).	Replace or repair.
	Interference between parts of slicer mechanism.	Adjust or repair.

**CAUTION**

Do not allow motor to hum without starting as this  
will damage the motor causing it to overheat.



# TROUBLESHOOTING GUIDE (Continued)

PROBLEM	PROBABLE CAUSE(S)	REMEDY
SWITCHES TURNED ON, BUT MOTOR DOES NOT START OR HUM	No power at outlet. (Check by plugging lamp or appliance into outlet.)	Repair outlet or circuit.
	Motor switch overload tripped.	Reset following instructions on switch nameplate.
	Bread crumbs in motor starting switch.	Switch should be disassembled and cleaned by a qualified person.
SLICER VIBRATES EXCESSIVELY	Top links or bearings worn.	Locate worn parts and replace.

## NOTE

A special non-ventilated motor must be used with the slicer.

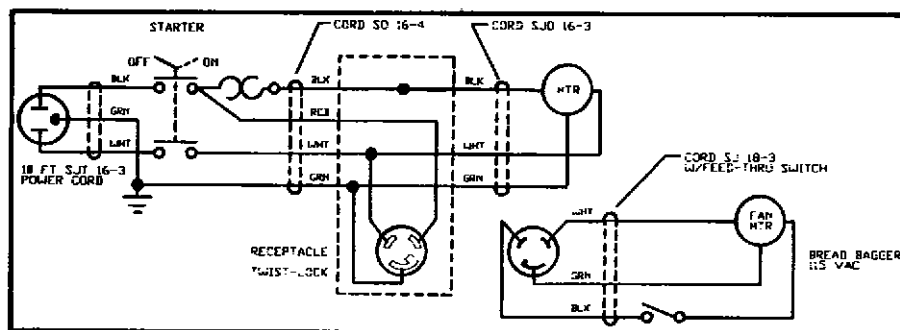
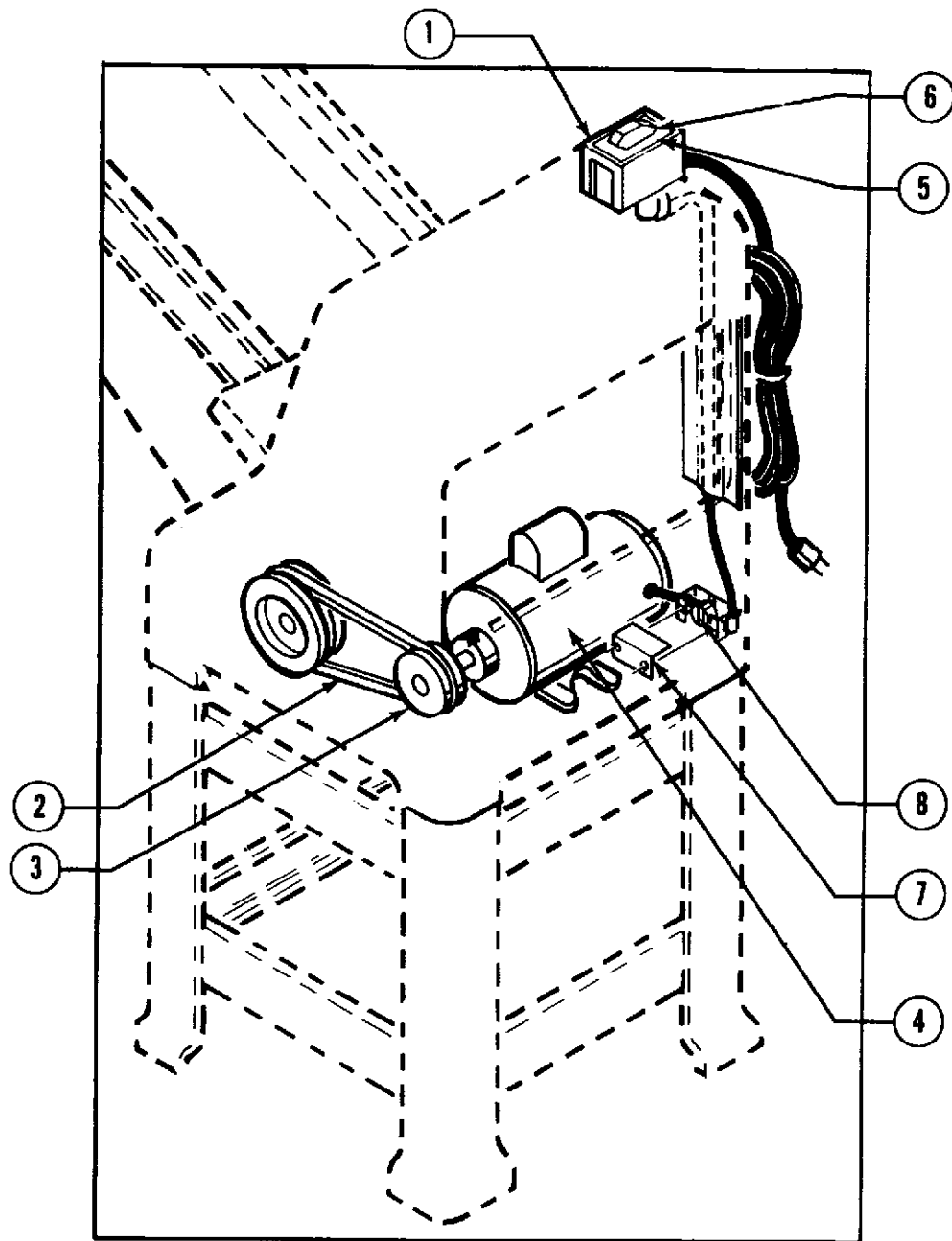


Figure 32. Single Phase Gravity or Power Feed Wiring Diagram

## ELECTRICAL COMPONENTS PARTS LIST

### SINGLE PHASE - GRAVITY OR POWER FEED SLICERS (See Figure 32)

1/2 HP, 1-60-115/230, Low Speed (32" Gravity)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-1137	SWITCH, Starter	1
2	5601-1126	BELT, V - 4L360	1
3	4575-7103-2001	PULLEY, Motor	1
4	6301-3609	MOTOR	1
5	0797-2131	COVER, Switch	1
6	5757-4815	BOOT	1
7	0797-3385	COVER BOX	1
8	5769-0524	RECEPTACLE, Bagger - 1-60-115	1
8	5769-0523	RECEPTACLE, Bagger - 1-60-230	1

1/2 HP, 1-60-115/230, High Speed (32" & 48" Gravity; 48" Power)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-1137	SWITCH, Starter	1
2	5601-1965	BELT, V - XDV48-360	1
3	4575-7103-2002	PULLEY, Motor	1
4	6301-3609	MOTOR	1
5	0797-2131	COVER, Switch	1
6	5757-4815	BOOT	1
7	0797-3385	COVER BOX	1
8	5769-0524	RECEPTACLE, Bagger - 1-60-115	1
8	5769-0523	RECEPTACLE, Bagger - 1-60-230	1

1/2 HP, 1-50-110/220, Low Speed (32" Gravity)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-1137	SWITCH, Starter	1
2	5601-1127	BELT, V - 4L370	1
3	4575-7104-2001	PULLEY, Motor	1
4	6301-3926	MOTOR	1
5	0797-2131	COVER, Switch	1
6	5757-4815	BOOT	1
7	0797-3385	COVER BOX	1
8	5769-0524	RECEPTACLE, Bagger - 1-60-115	1
8	5769-0523	RECEPTACLE, Bagger - 1-60-230	1

(Continued on Page 41)

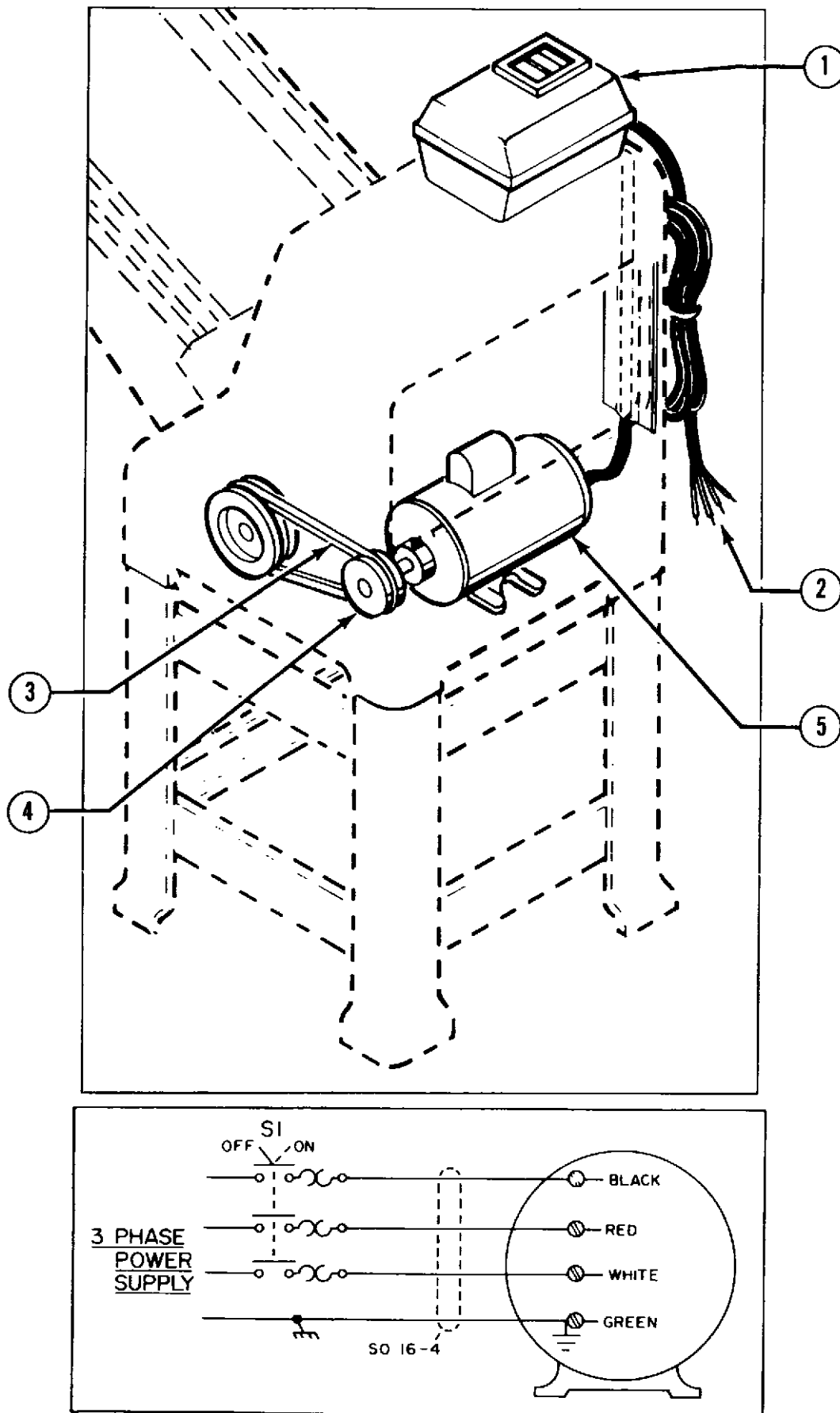


Figure 33. 3 Phase Gravity or Power Feed Wiring Diagram

**SINGLE PHASE - GRAVITY OR POWER FEED SLICERS (Continued)**

1/2 HP, 1-50-110/220, High Speed (32" & 48" Gravity; 48" Power)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-1137	SWITCH, Starter	1
2	5601-1967	BELT, V - XDV48-370	1
3	5615-1015	PULLEY, Motor	1
4	6301-3926	MOTOR	1
5	0797-2131	COVER, Switch	1
6	5757-4815	BOOT	1
7	0797-3385	COVER BOX	1
8	5769-0524	RECEPTACLE, Bagger - 1-60-115	1
8	5769-0523	RECEPTACLE, Bagger - 1-60-230	1

**3 PHASE - GRAVITY OR POWER FEED SLICERS  
(See Figure 33)**

1/2 HP, 3-60-230/460, Low Speed (32" Gravity)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-3034	SWITCH, Starter	1
2	5765-8305	CORD, Plug - 16/4 SJO	10 Ft.
3	5601-1126	BELT, V - 4L360	1
4	4575-7103-2001	PULLEY, Motor	1
5	6301-3800	MOTOR	1

1/2 HP, 3-60-230/460, High Speed (32" & 48" Gravity; 48" Power)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-3034	SWITCH, Starter	1
2	5765-8305	CORD, Plug - 16/4 SJO	10 Ft.
3	5601-1965	BELT, V - XDV48-360	1
4	4575-7103-2002	PULLEY, Motor	1
5	6301-3800	MOTOR	1

### 3 PHASE - GRAVITY OR POWER FEED SLICERS (Continued)

1/2 HP, 3-60-208, Low Speed (32" Gravity)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-3034	SWITCH, Starter	1
2	5765-8305	CORD, Plug - 16/4 SJO	10 Ft.
3	5601-1126	BELT, V - 4L360	1
4	4575-7103-2001	PULLEY, Motor	1
5	6301-3811	MOTOR	1

1/2 HP, 3-60-208, High Speed (32" & 48" Gravity; 48" Power)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-3034	SWITCH, Starter	1
2	5765-8305	CORD, Plug - 16/4 SJO	10 Ft.
3	5601-1967	BELT, V - XDV48-370	1
4	4575-7103-2002	PULLEY, Motor	1
5	6301-3811	MOTOR	1

1/2 HP, 3-50-208/415/440, Low Speed (32" Gravity)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-3034	SWITCH, Starter	1
2	5765-8305	CORD, Plug - 16/4 SJO	10 Ft.
3	5601-1127	BELT, V - 4L370	1
4	4575-7104-2001	PULLEY, Motor	1
5	6301-3811	MOTOR	1

### 3 PHASE - GRAVITY OR POWER FEED SLICERS (Continued)

1/2 HP, 3-50-208/220/415/440, High Speed (32" & 48" Gravity; 48" Power)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-3034	SWITCH, Starter	1
2	5765-8305	CORD, Plug - 16/4 SJO	10 Ft.
3	5601-1967	BELT, V - XDV48-370	1
4	5615-1015	PULLEY, Motor	1
5	6301-3811	MOTOR	1

1/2 HP, 3-50-380, Low Speed (32" Gravity)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-3034	SWITCH, Starter	1
2	5765-8305	CORD, Plug - 16/4 SJO	10 Ft.
3	5601-1127	BELT, V - 4L370	1
4	4575-7104-2001	PULLEY, Motor	1
5	6301-3975	MOTOR	1

1/2 HP, 3-50-380, High Speed (32" & 48" Gravity; 48" Power)

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-3034	SWITCH, Starter	1
2	5765-8305	CORD, Plug - 16/4 SJO	10 Ft.
3	5601-1967	BELT, V - XDV48-370	1
4	5615-1015	PULLEY, Motor	1
5	6301-3975	MOTOR	1

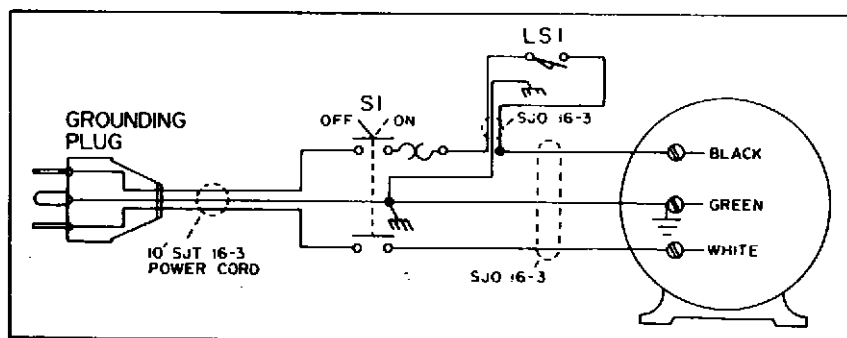
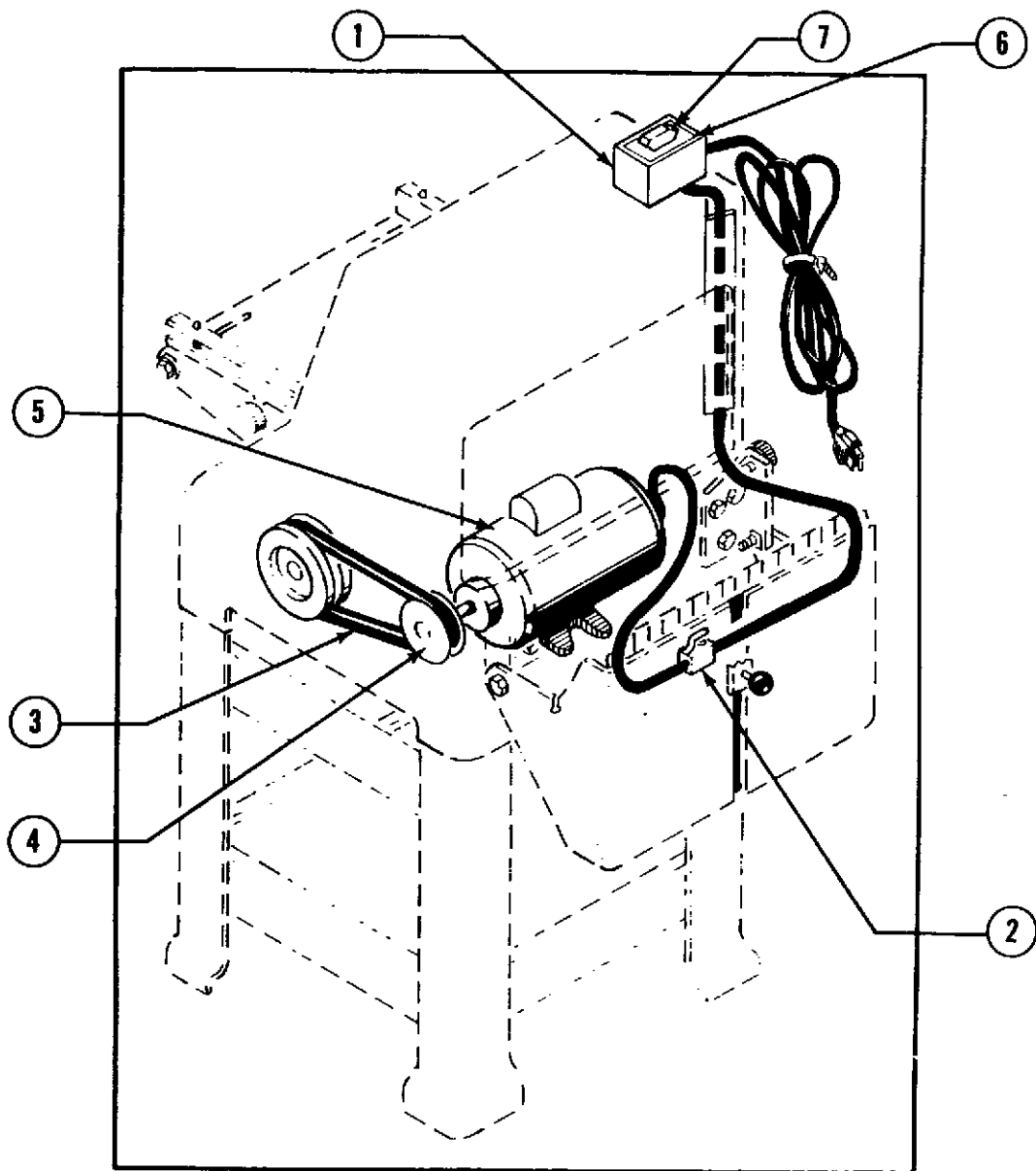


Figure 34. Single Phase Spring Feed Wiring Diagram



SINGLE PHASE - SPRING FEED SLICERS  
(See Figure 34)

1/2 HP, 1-60-115/230, Low Speed

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-1137	SWITCH, Starter	1
2	5757-8085	SWITCH, Micro	1
3	5601-1126	BELT, V - 4L360	1
4	4575-7103-2001	PULLEY, Motor	1
5	6301-3609	MOTOR	1
6	0797-2131	COVER, Switch	1
7	5757-4815	Boot	1

1/2 HP, 1-60-115/230, High Speed

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-1137	SWITCH, Starter	1
2	5757-8085	SWITCH, Micro	1
3	5601-1965	BELT, V - XDV48-360	1
4	4575-7103-2002	PULLEY, Motor	1
5	6301-3609	MOTOR	1
6	0797-2131	COVER, Switch	1
7	5757-4815	Boot	1

1/2 HP, 1-50-110/220, Low Speed

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-1137	SWITCH, Starter	1
2	5757-8085	SWITCH, Micro	1
3	5601-1127	BELT, V - 4L370	1
4	4575-7104-2001	PULLEY, Motor	1
5	6301-3926	MOTOR	1
6	0797-2131	COVER, Switch	1
7	5757-4815	Boot	1

SINGLE PHASE - SPRING FEED SLICERS (Continued)

1/2 HP, 1-50-110/220, High Speed

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	5709-1137	SWITCH, Starter	1
2	5757-8085	SWITCH, Micro	1
3	5601-1967	BELT, V - XDV48-370	1
4	5615-1015	PULLEY, Motor	1
5	6301-3926	MOTOR	1
6	0797-2131	COVER, Switch	1
7	5757-4815	Boot	1

## RECOMMENDED SPARE PARTS

NO. REQUIRED	PART NUMBER	DESCRIPTION
2	5835-7555	CLIP, Hairpin
2	0777-0034	PIN, Eccentric
2	0797-0059-1	STUD & NUT
2	0711-0002	LINK, Top
1	5601-1965	BELT, V (60 CY)
1	5601-1967	BELT, V (50 CY)
1	5709-1137	SWITCH, Starter (Single Phase)
1	5220-5030	BEARING, Driven Pulley
1	5220-5001	BEARING, Driven Pulley
1	0797-0058-1	STUD, Driven Pulley
1	6904-6001	GASKET, Driven Pulley
1	0797-0071-1	ROD, Connecting
1	5220-2000	BEARING, Connecting Rod
1	5220-2600	BEARING, Connecting Rod
1	0797-0057-2	STUD, Swing
1	5220-4000	BEARING, Rocker Shaft
1	5220-4050	BEARING, Rocker Shaft
4	5220-0020	BEARING, Swing Shaft
3	6904-6000	GASKET, Rocker Shaft
1	6301-3609	* MOTOR, 1/2 HP, 1-60-115/230
1	5757-4815	BOOT

\* For Other Motors, Contact Factory



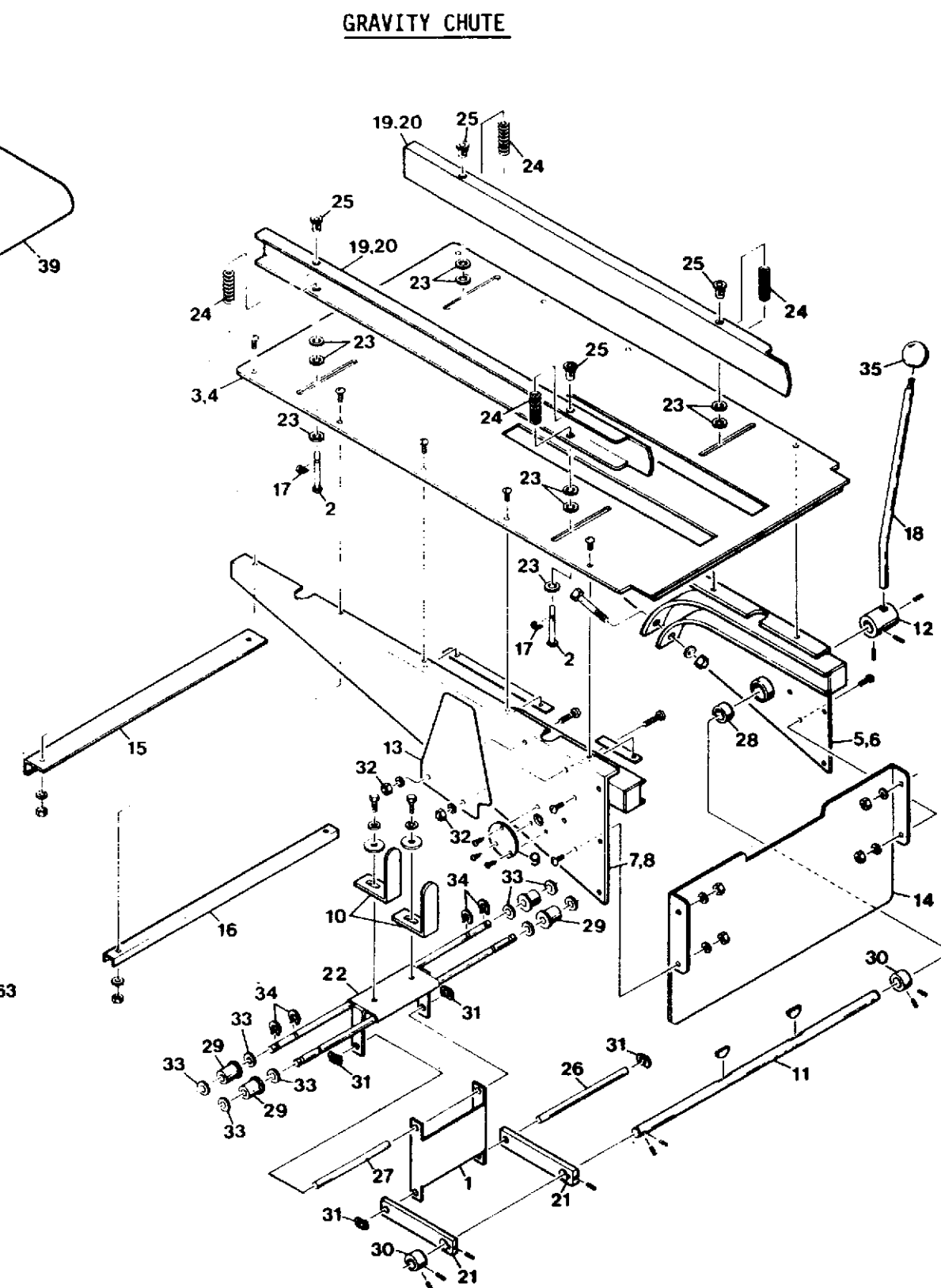
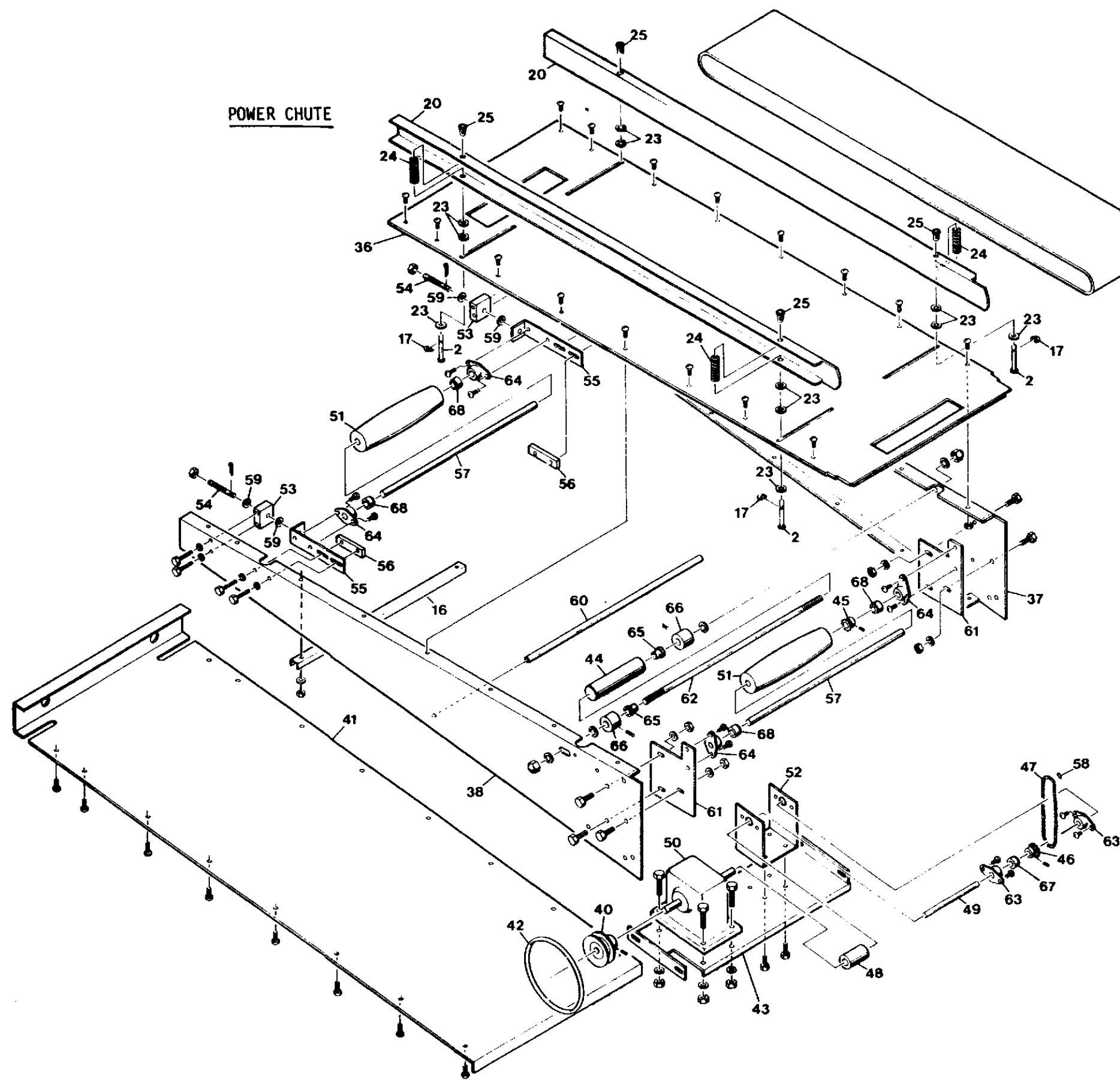


Figure 35. Slicer Chute Assemblies



# MECHANICAL PARTS LIST

FIGURE & ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
35		CHUTE ASSEMBLY	
1	0797-3062	. LINK, Pusher	1
2	0797-3011-001	. SIDE GUIDE, Pin	4
3	0797-3004-001	. CHUTE, Bread Top, 32"	1
4	0797-3008-007	. CHUTE, Bread Top, 48"	1
5	0797-2086-0002	. BRACE, L.H. Chute, 32"	1
6	0797-2088-0012	. BRACE, L.H. Chute, 48"	1
7	0797-2086-0001	. BRACE, R.H. Chute, 32"	1
8	0797-2088-0011	. BRACE, R.H. Chute, 48"	1
9	0797-2080	. CAP, Chute Brace	1
10	0797-2077	. FINGER, Pusher	2
11	0797-2076	. CROSS, Shaft Pusher	1
12	0797-3070	. HUB, Pusher Lever	1
13	0797-0947	. GUARD, Chute Crotch	2
14	0797-0915-002	. GUARD, Chute	1
15	0797-0237-1	. BRACE, Chute Top	1
16	0797-0377	. BRACE, Chute End, 32"	1
	0797-0377	. BRACE, Chute End, 48"	2
	0797-0377	. BRACE, Chute End, 48", Power Belt	3
17	0793-0084	. WASHER, Horseshoe	4
18	0777-0915	. LEVER, Pusher	1
19	0797-3005-002	. SIDE GUIDE, 32"	2
20	0797-3010-001	. SIDE GUIDE, 48"	2
21	0797-3064	. BAR, Pusher	2
22	0797-3063	. CARRIAGE, Pusher	1
23	5851-8120	. WASHER, Nylon	12
24	7012-3102	. SPRING (#97)	4

FIGURE & ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
35 25	5765-1058	. BUSHING, Snap	4
26	4565-0508-0063	. SHAFT	1
27	4565-0508-0058	. SHAFT	1
28	5254-0300	. BEARING, Bronze	2
29	5504-1700	. WHEEL, Carriage	4
30	5806-7012	. COLLAR, Set, 3/4"	2
31	5831-8225	. CLIP, Push-On	4
32	5832-0585	. NUT, Acorn #10-24	4
33	4655-0117-1002	. WASHER	8
34	5840-1125	. RING, Retaining	8
35	5911-7002	. KNOB, Ball	1
36	0797-3008-003	. CHUTE, Bread Top	1
37	0797-3009-0012	. CHUTE, L.H., Power	1
38	0797-3009-0011	. CHUTE, R.H., Power	1
39	5600-9468	. BELT	1
40	0797-3379	. PULLEY	1
41	0797-3026	. PAN, Chute Bottom	1
42	0797-3045	. BELT	1
43	0797-3044	. SUPPORT, Channel Reducer	1
44	0883-0227-033	. ROLL	1
45	4618-3510-2001	. SPROCKET	1
46	4618-3510-1601	. SPROCKET	1
47	5603-1003	. CHAIN, Roller	1
48	5604-6956	. COUPLING, Flex Jaw	1
49	0797-3375	. SHAFT	1
50	5607-3237	. UNIT, Gear	1
51	5613-3051	. PULLEY, Crowned	2
52	0797-3027	. CHANNEL, Shaft	1
53	0797-3034	. BLOCK, Adjusting	2
54	0797-3035	. BOLT, Adjusting	2
55	0797-3036	. ANGLE, Bearing	2
56	4460-1008-2012	. BAR, Nut	2



FIGURE & ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
35 57	0797-3373	. SHAFT, 5/8-17"	2
58	5604-0100	. LINK, Connector	1
59	5851-8140	. WASHER	4
60	0797-0261	. ROD, Brace	1
61	0797-3037	. PLATE, Bearing	2
62	4625-1212-1166	. STUD, Double End	1
63	5251-8045	. BEARING, Flange, 1/2"	2
64	5251-8046	. BEARING, Flange, 5/8"	4
65	5252-3030	. BEARING, Plastic	2
66	5806-7006	. COLLAR, Set, 3/8"	2
67	5806-7008	. COLLAR, Set, 1/2"	1
68	5806-7010	. COLLAR, Set, 5/8"	4



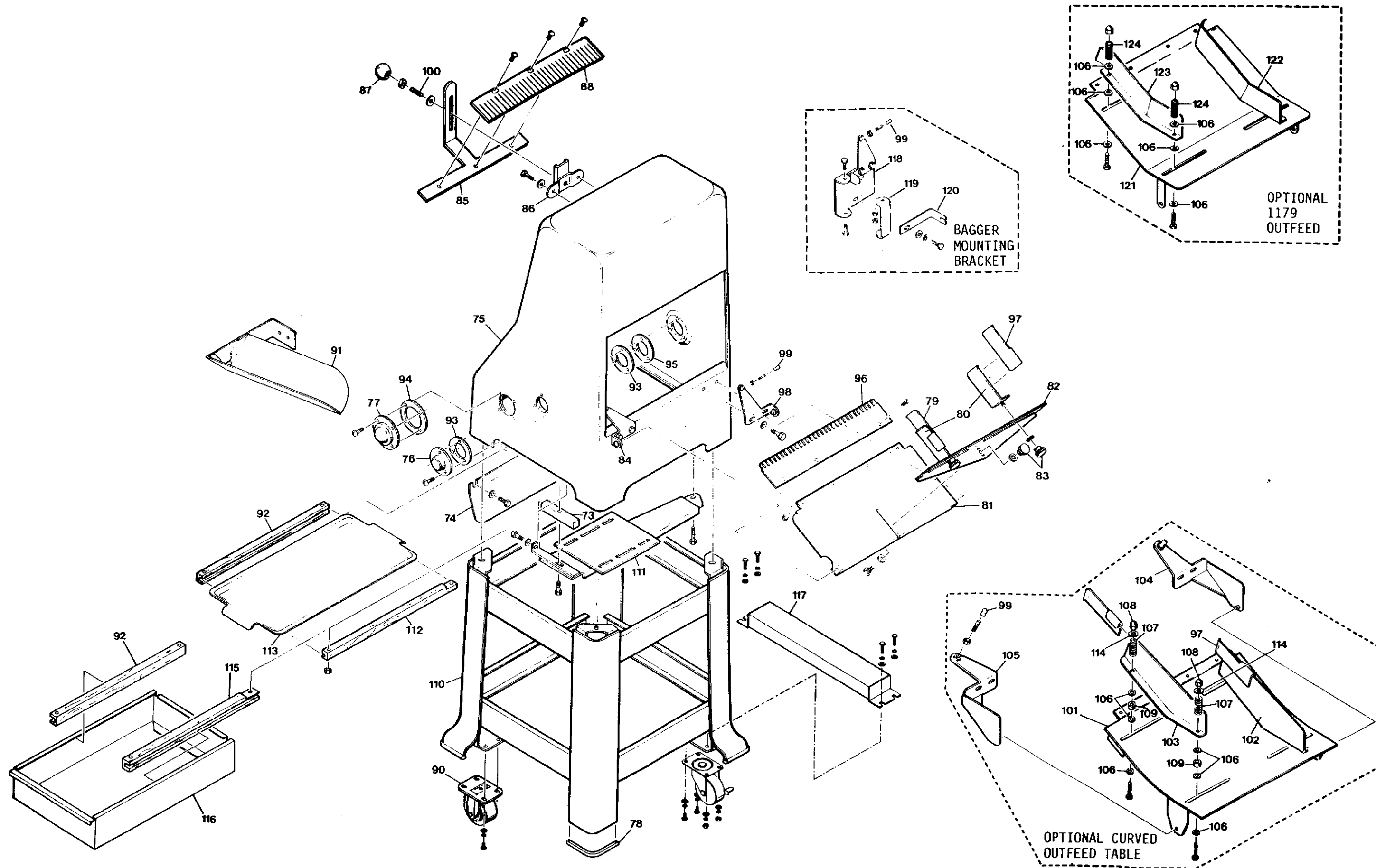


Figure 36. Slicer Frame Base Assembly and Optional Parts



FIGURE & ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
36		FRAME BASE ASSEMBLY (OPTIONAL PARTS)	
73	0797-0078-2	. CLAMP, Motor Bracket	1
74	0797-0117	. BAFFLE, Crumb	1
75	0797-3000	. FRAME, Main	1
76	4090-0233-0023	. CAP, B.B.	2
77	4090-0244-0005	. CAP	1
78	0797-3257	. FOOT, Rubber	4
79	0797-0285-0002	. GUIDE, Extension, L.H.	1
80	0797-0284	. GUIDE, Adjustable Side	2
81	0797-0143-1	. TABLE	1
82	0797-0141	. STOP, Bread	1
83	5911-7000	. KNOB	3
84	0797-3013-0002	. BRACKET, Table Hinge, L.H.	
85	0797-0358-2	. HOLDDOWN	1
86	0797-3012	. BRACKET, Holddown	1
87	5911-7001	. KNOB, Ball	1
88	0797-0092-XXX **	. GUIDE, Knife	1
89	5902-2364 ***	. WHEEL, 3" Caster Swivel	2
90	5902-2363 ***	. WHEEL, 3" Caster	2
91	0797-2048 ***	. SCOOP, Bagging	1
92	0797-0053	. SLIDE, Drawer	1
93	6904-6000	. GASKET, Rocker Shaft	3
94	6904-6001	. GASKET, Driven Pulley	1
95	4090-0233-0021	. CAP (42A)	1
96	0797-3001-XXX **	. LIP, Table	1
97	0797-0285-0001	. GUIDE, Extension, R.H.	1
98	0797-3013-0001	. BRACKET, Table Hinge, R.H.	1

\*\* Specify Slice Width

\*\*\* Optional Item

FIGURE & ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
36 99	5106-8920	. CAP, Neoprene	2
100	5842-6167	. SCREW, Socket Head Set	1
101	0797-3029-1 ***	. TABLE, Curved Outfeed	1
102	0797-3030-1001 ***	. GUIDE, Side, R.H.	1
103	0797-3030-1002 ***	. GUIDE, Side, L.H.	1
104	0797-3040-1002 ***	. BRACKET, Hinge, L.H.	1
105	0797-3040-1001 ***	. BRACKET, Hinge, R.H.	1
106	5851-8120 ***	. WASHER, Nylon	12
107	7013-2100 ***	. SPRING	4
108	5831-8102 ***	. NUT, Acorn, 1/4-20	4
109	4130-0708-0002 ***	. COLLAR, Filling	4
110	0797-3068	. BASE, 16" Caster	1
111	0797-0051-2	. BRACKET, Motor	1
112	0797-0053-001	. SLIDE, Drawer	1
113	0797-0054	. DRAWER, Crumb	1
114	5851-9304 ***	. WASHER, 1/4" St.St. (Curved O.F.)	4
115	0797-0053-004	. SLIDE, Drawer	1
116	0797-3079	. TRAY, Crumb (Floor Model)	1
117	0797-3080-001 ***	. WEIGHT, Counter	1
118	1179-0010-0001 ***	. BRACKET, Pivot, R.H.	1
119	1179-0011 ***	. BRACKET, Case Mounting	1
120	1179-0012 ***	. BRACKET, Case Lock	1
121	1179-0008 ***	. TABLE, Outfeed	1
122	1179-0009-0001 ***	. GUIDE, Side, R.H.	1
123	1179-0009-0002 ***	. GUIDE, Side, L.H.	1
124	7012-2101 ***	. SPRING	4

\*\*\* Optional Item

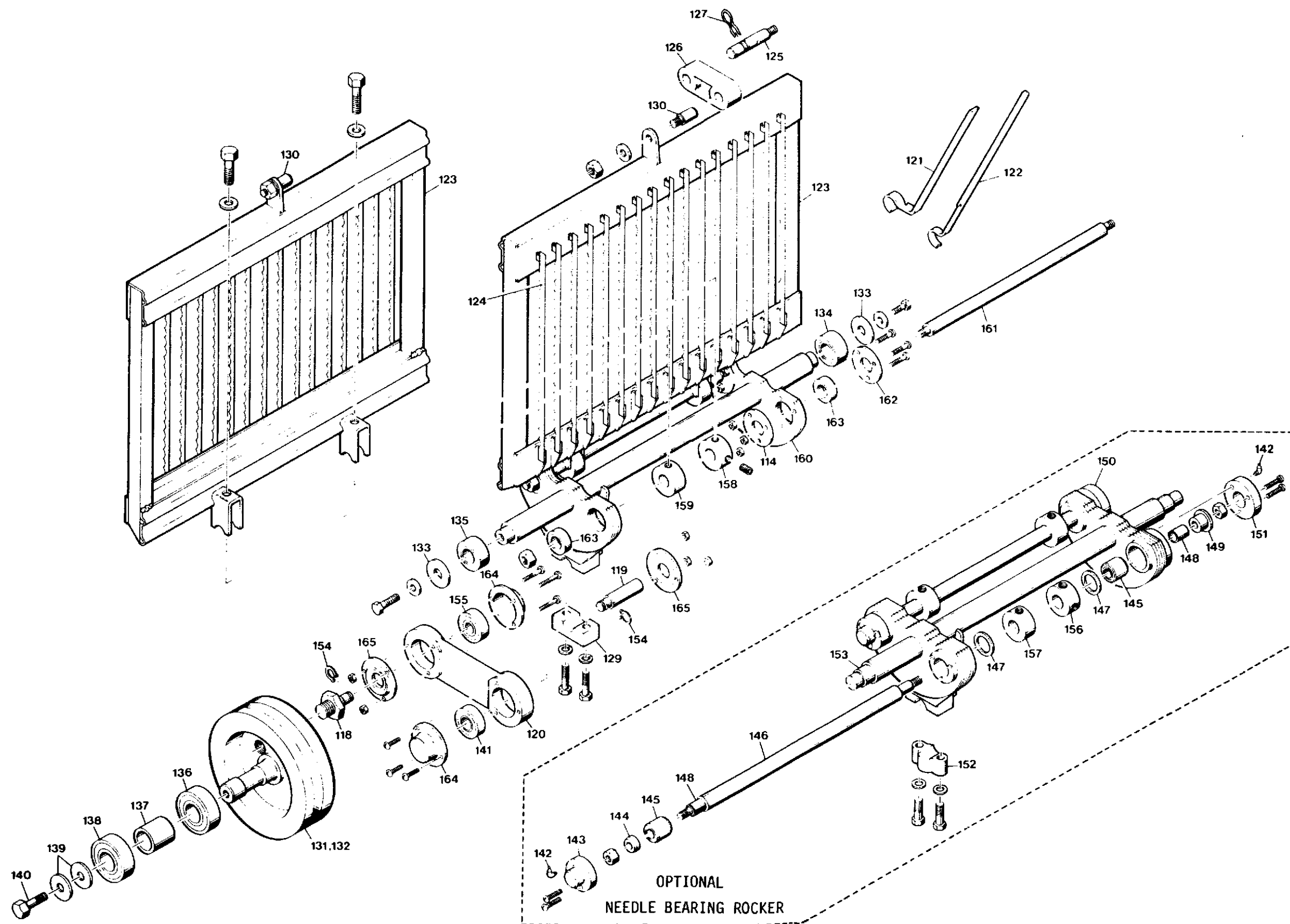


Figure 37. Rocker Blade Frame Assembly and Needle Bearing Rocker





FIGURE & ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
37		ROCKER BLADE FRAME ASSEMBLY	
118	0797-0058-1	. STUD, Crank	1
119	0797-0057-2	. STUD, Swing	1
120	0797-0071-1	. ROD, Connecting	1
121	0797-0183-004 ****	. TOOL, Knife Removing	1
122	0797-0183	. TOOL, Knife Removing	1
123	0797-0300-XXXX **	. FRAME, Steel Blade	2
124	0797-0029-1	. BLADE	AR
125	0777-0034	. PIN, Eccentric	2
126	0711-0002	. LINK, Top	2
127	5835-7555	. CLIP, Hairpin	2
128	Deleted		
129	0797-0047-003	. CAP, Stud	1
130	0797-0059-1	. PIN, Blade Frame	2
131	0797-3370 ***	. DRIVEN PULLEY (High Speed)	1
132	0797-0049-103	. DRIVEN PULLEY (Low Speed)	1
133	5851-8100	. WASHER, Special	2
134	5220-4000	. BEARING, Rocker Shaft	1
135	5220-4050	. BEARING, Rocker Shaft	1
136	5220-5030	. BEARING, Driven Pulley (205SZ)	1
137	4130-0132-0204	. COLLAR (117B)	1
138	5220-5001	. BEARING, Driven Pulley (205SG)	1
139	4655-0313-1401	. WASHER, Special #75	2
140	4560-1012-1201	. SCREW, Hex Head Special #83	1
141	5220-2000	. BEARING, Connecting Rod (202K)	1
142	5115-7027 ***	. FIT ALEMITE (1641)	4
143	0777-0271-019 ***	. CAP, Grease	2
144	0797-1104 ***	. COLLAR, Filling	2

AR As Required

\*\* Specify Slice Width

\*\*\* Optional Item

\*\*\*\* Power Feed Only

FIGURE & ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
37 145	5250-6235 ***	. BEARING, Needle	4
146	0797-1102 ***	. SHAFT, Swing	2
147	6911-5550 ***	. SEAL, Oil (63185)	8
148	5250-6405 ***	. RACE, Inner	4
149	0797-1103 ***	. WASHER, Thrust	2
150	0777-0243-019 ***	. CAP, Bearing	1
151	0777-0243-02 ***	. CAP, Bearing	1
152	0797-0047-016 ***	. CAP, Rocker, Plated	1
153	0797-1100-119 ***	. ROCKER, N Bearing	1
154	5840-2825	. RING, Retaining	2
155	5220-2600	. BEARING, Connecting Rod	1
156	0797-0231-019 ***	. COLLAR, Locating	2
157	0797-0231-501 ***	. COLLAR, Holddown	2
158	0797-0031-1	. COLLAR, Locating	2
159	0797-0031-001	. COLLAR, Holddown	2
160	0797-0047-2	. FRAME, Rocker	1
161	0797-0060	. SHAFT, Swing	2
162	4090-0232-0004	. CAP, Ball Bearing	4
163	5220-0020	. BEARING	4
164	4090-0232-0013	. CAP (36A)	2
165	4090-0232-0012	. CAP (38A)	2

\*\*\* Optional Item

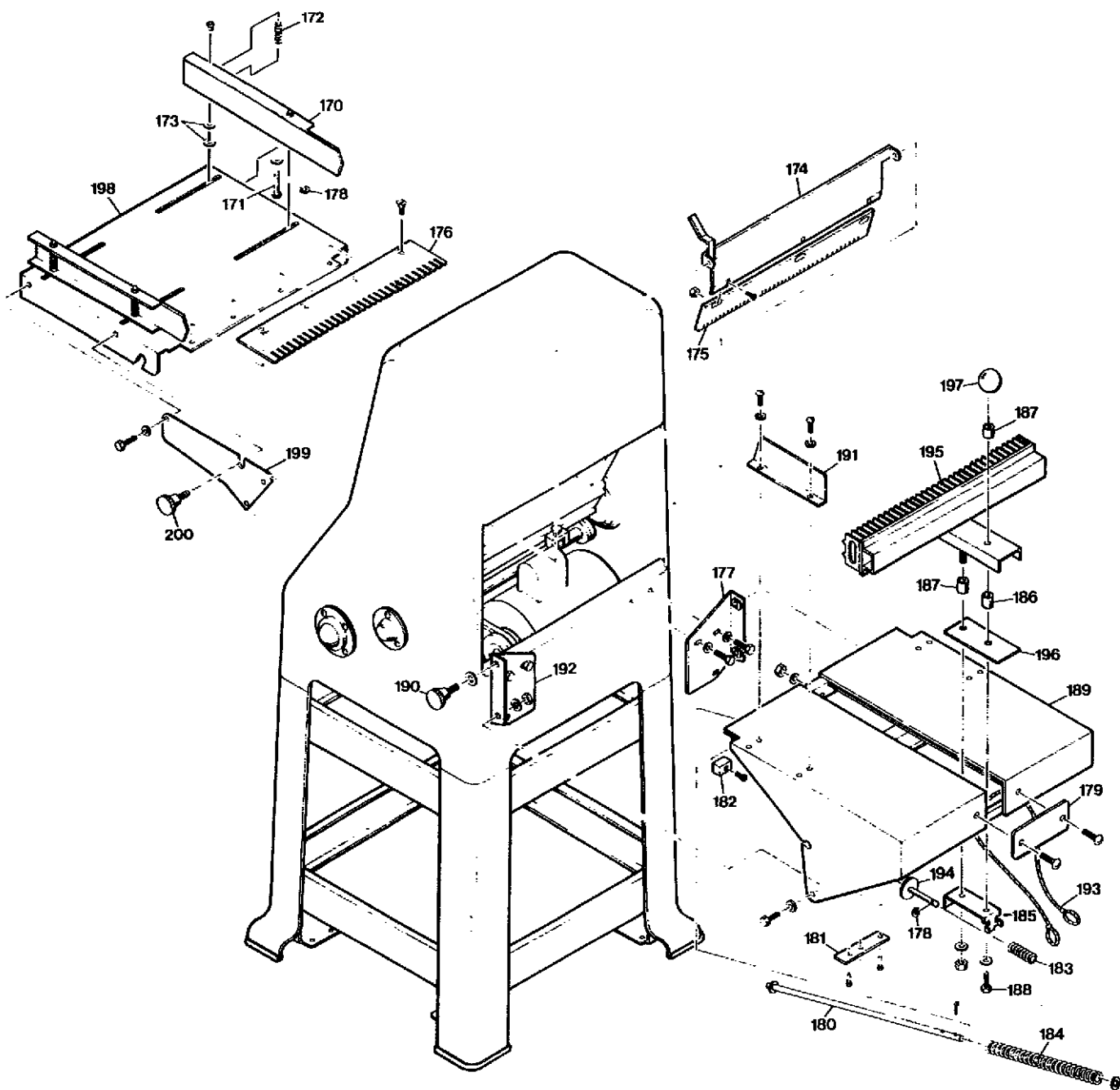


Figure 38. Spring Feed Slicer Exploded View



FIGURE & ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
38		SPRING FEED SLICER ASSEMBLY	
170	0797-0723	. GUIDE, Side	2
171	0797-3011-001	. PIN	4
172	7012-3102	. SPRING (#97)	4
173	5851-8120	. WASHER, Nylon	12
174	0797-0330-2	. HOLDDOWN	1
175	0797-3116-XXX **	. GUIDE, Knife	1
176	0797-3001-XXX **	. LIP, Table	1
177	0797-3002-0001	. BRACKET, Spring Feed Table, R.H.	1
178	0793-0084	. WASHER, Horseshoe	5
179	0797-0274	. PLATE, Back	1
180	0797-0314	. ROD, Spring	2
181	0797-0341	. COVER, Switch	1
182	0797-3378	. BUMPER, Rubber	1
183	7012-3001	. SPRING (#100)	1
184	7013-8101	. SPRING (#123)	2
185	0797-0349	. BRACKET, Stop	1
186	4130-0113-0001	. COLLAR	1
187	4130-0113-0005	. COLLAR	2
188	4560-1012-1202	. SCREW, Hex Cap #63	1
189	0797-1047	. TABLE, Infeed	1
190	4560-2010-1103	. KNOB	2
191	0797-0326	. GUIDE, Infeed End	1
192	0797-3002-0002	. BRACKET, Spring Feed Table, L.H.	1
193	0797-0351	. CABLE	2
194	0797-0339	. PLUNGER, Switch	1
195	0797-0360-XXX **	. PUSHER	1
196	0797-0348	. PUSHER, Side	1
197	5911-7002	. KNOB, Ball	1
198	0797-0329	. TABLE, Outfeed	1
199	0797-3003-1	. BRACKET, Outfeed Table	2
200	4560-2010-1104	. KNOB	2

\*\* Specify Slice Width



# MOTOR CHARACTERISTICS & PERFORMANCE DATA

EQUIPMENT MODEL NO. 797-32

MOTOR MFR. Reliance

MOTOR MODEL NO. C56H3140

MOTOR SERIAL NO. C56H3140PNP

MOTOR TYPE Capacitor Start

MOTOR FRAME 56

H.P. 1/2

VOLTS 115

PHASE Single

CYCLES 60 HZ

R.P.M. 1725

DUTY Continuous

TORQUE-STARTING \_\_\_\_\_

    -F.L. \_\_\_\_\_

EFFICIENCY-F.L. \_\_\_\_\_

    -3/4 \_\_\_\_\_

    -1/2 \_\_\_\_\_

POWER FACTOR \_\_\_\_\_

    -F.L. 60.2

    -3/4 \_\_\_\_\_

    -1/2 \_\_\_\_\_

    -LOCKED 0

AMPERES-F.L. 6.4

    -STARTING 115V Current @ 44 APMS

TEMPERATURE RISE 40° C Ambient

TYPE OF BEARING Ball

MAKE OF BEARING \_\_\_\_\_ & NUMBER \_\_\_\_\_





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